

R<sup>D</sup>. MELHUISH & SONS.



85 & 87, FETTER LANE, HOLBORN CIRCUS,  
LONDON, E.C.

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# TO OUR CUSTOMERS,

And to all who Make Use of TOOLS and MACHINERY,

WHETHER FOR PLEASURE OR FOR PROFIT.



LD TIME is still moving on apace and every Business Man must be moving with him, striving to emulate his steady, ceaseless, untiring energy. We also exercise thought to work out and offer special advantages, that will not only bring in new buyers but cause those who have visited us to call again and again; and have used judgment in regulating prices, that while we may live ourselves by creating and fostering a large demand for our goods, may further benefit our customers by enabling them to purchase at the lowest possible figure. All this we have done in years gone by, and still intend to do, and through this method of dealing with our customers we may say, with confidence as we have often said before,

## WE ARE STILL AHEAD!

and, what is more, we fully intend to keep so, using every legitimate means to help us in the task that we have imposed on ourselves, and, up to this time, have accomplished with marked success.

We may, we trust, be forgiven for indulging in the above reflections, and referring to the fact, pleasing to ourselves, and not without importance to our customers, that a

## BRONZE MEDAL

was awarded to us for the excellence of our large display of Mechanical Tools and Machinery exhibited by us, in the City Guilds Workshops, **International Health Exhibition of 1884**. Now on the occasion of producing a New and Carefully Revised Edition of our Catalogue, which has been increased from 96 pages to 296 pages, owing to the necessity of affording sufficient space to record the improvements that we have introduced and the additions that we have made to our Stock of Tools, Machinery, and Cabinet Ironmongery during the last two years, which even then was entitled to take rank as the largest, perhaps, and most complete assemblage of articles and appliances of this kind to be found in the Metropolis and the leading Towns of the United Kingdom.

There is no necessity for us to dwell upon our Catalogue and to point out its varied merits and points of interest, for it speaks for itself as a whole, and every page tells its own individual tale. It is enough for us to say that we have spared no expenditure, either of time or of money in its production, and can say with confidence and without the slightest fear of contradiction, that it is the most complete and cheapest, and therefore the best work of the kind hitherto published.

As Time is Money, and, in these days of unexampled and unequalled rush and push, requires to be husbanded with as much care as money itself, we will take the opportunity of saying a few words to our customers explanatory of

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

## OUR METHOD OF DOING BUSINESS,

showing what they must do, and what we will do or cannot do, as the case may be. This we hope, will tend to facilitate matters on both sides and to prevent trouble and disappointment to purchasers on the one hand, and loss of time and unnecessary labour to ourselves on the other.

**PRICES.**—With regard to our prices, we have made still further reductions on the rates of 1884, and they are now stated at the lowest possible figure. In this respect, as well as in every other, we unhesitatingly challenge competition. It is impossible for purchasers to buy at better advantage of any one else, whoever he may be, than of us.

**ORDERS AND INQUIRIES.**—When writing, whether in giving orders for tools, etc., or making inquiries about them, append to every letter your full name and address, specifying village, etc., post town and county, clearly and plainly written. Thus the possibility of every error on the part of clerks, to whom the execution, address, and dispatch of orders are entrusted, and any miscarriage of goods in transit is reduced to a minimum.

**REFERENCES TO FORMER LETTERS.**—These should always be scrupulously avoided. We cannot refer to former letters, if asked to do so: we receive so many that compliance with requests of this kind would involve so much loss of time and trouble, that we cannot in any case entertain them. Every letter should be complete and explicit in itself, and should set forth what is wanted so clearly as to render any reference to any former letter wholly unnecessary.

**CASH WITH ORDER.**—In every case in order to save the cost and trouble of booking and collection, *Cash must be sent with order* in the form of Cheque, Post Office Order or Postal Note. There will be no difficulty in arriving at the amount to be transmitted, as every article is priced in our Catalogue. Cheques, Postal Notes, Post Office Orders to be crossed "City Bank," made payable to Rd. MELHUISH & SONS; if any excess Cash, it will be returned with goods.

**CARRIAGE.**—In the case of Machines of any kind the Purchaser must pay carriage on delivery of the goods. For all other goods such as Tools, Cabinet Brass Foundry, Builders' Fittings, etc., **WE PAY CARRIAGE** to any part of Great Britain if the value amounts to 10s. and upwards. When the value is under 10s. sufficient must be added to cover carriage by Parcels Post which is, under 1 lb., 3d.; 1 lb. and not exceeding 3 lb., 6d.; above 3 lbs. and not exceeding 5 lbs., 9d.; above 5 lbs. and not exceeding 7 lbs., 1s. If more be sent than is necessary to cover carriage the excess will be returned in Stamps with goods.

In conclusion, we once more take the opportunity to thank our old customers for all past favours, and to assure both them and all who may be inclined to inspect our stock with the view of making purchases, or to transmit orders by post, that it will be our constant endeavour, by supplying articles of the best quality at the lowest possible prices, and by immediate attention to the dispatch of goods, to merit the confidence and good opinion of all who may entrust us with the execution of their esteemed commands.

Rd. MELHUISH & SONS.

85 and 87, Fetter Lane, London, E.C.,  
May, 1885.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



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CABINET BRASS FOUNDRY, DOOR FURNITURE (AND FITTINGS).

DRAWER HANDLES,

ORNAMENTAL BRACKETS AND HINGES, LOCKS OF EVERY DESCRIPTION, &c., &c.

THIS LIST SUBJECT TO ALTERATION WITHOUT NOTICE.

HOURS OF BUSINESS, 8 to 7.30 p.m.; SATURDAYS, 8 to 5 p.m.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## Oak Polished Tool Chests—Complete.

Fitted up from our Warehouse with the best tools; all warranted quality and the latest design. These are precisely the same tools that we supply to practical workmen, such as Cabinet-makers, Joiners, Carpenters, and General Wood-workers, etc., largely.

### No. 27.—Price 216/- each.

Size of Chest, 27 inches long, 15 inches wide, and 19 inches deep. Made of best well seasoned oak, beautifully French polished and finished, neatly hand dovetailed corners, massive brass strap handles and trimmings, four outside drawers, and movable inner tray, with suitable compartments, good double link chest lock and four drawer locks, containing 188 Tools of warranted extra quality, viz. :—

3 best Saws	3 Punches	Marking Gauge	Pair Hand Shears (for cutting metal, etc.)
Axe	4 Turnscrows	Mortise Gauge	Nipper Pliers
4 Hammers	Gas Pliers	Gluepot & Brush	Pair Spring Dividers
2 Mallets	Hand Vice	Drawing Knife	Coach Wrench
Rule	2 Spokeshaves	Cutting Punch	C. S. Chipping Chisel
Pincers	2 Plated Squares	Scraper	Spring Oil Can (press bottom)
12 Gimlets	Claw Wrench	Bevil	3 Mortise Chisels
12 Bradawls	2 Pairs Pliers	Chalk Line Reel	3 Socket Chisels
12 Chisels	2 Pairs Compasses	Brace, and	Bench Vice
6 Gouges	Lock Saw	24 assorted Bits	Turning Saw & Frame
9 Files	Smooth Plane	Anvil & Bick Iron	Furniture, etc.
Oil Stone	Jack Plane	Saw Set—patent	
Marking Awl	Cutting Gauge	Cutting Nippers	

### No. 26.—Price 172/- each.

Size of Chest, 26 inches long, 14 inches wide, and 18 inches deep. Made of best selected oak, beautifully French polished and well finished, neatly hand dovetailed, massive brass strap handles and furniture, with three outside drawers and inner tray suitably divided, good double link chest lock, three drawer locks, etc., containing 103 Tools of warranted extra quality, viz. :—

3 best Saws	Oil Stone	Lock Saw	Coach Wrench
Axe	Marking Awl	Smooth Plane	Chalk Line Reel
3 Hammers	3 Punches	Jack Plane	Brace, and
Mallet	3 Turnscrows	Cutting Gauge	18 assorted Bits
Rule	Gas Pliers	Marking Gauge	Cutting Nippers
Pincers	Hand Vice	Mortise Gauge	2 Mortise Chisels
9 Gimlets	2 Spokeshaves	Gluepot & Brush	Saw Set
9 Bradawls	Square	Drawing Knife	Spring Dividers
9 Chisels	Claw Wrench	Cutting Punch	Bench Vice
4 Gouges	2 Pairs Pliers	Scraper	Furniture, etc.
6 Files	Compasses	Bevil	

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

**No. 25.—Price 136/- each.**

Size of Chest, 25 inches long, 18½ inches wide, and 14½ inches deep. Made of best French polished oak, neatly hand dovetailed corners, massive brass strap handles and brass furniture, with two outside drawers and inner tray with suitable compartments, double link chest lock and two drawer locks, containing 87 Tools of warranted extra quality, viz. :—

3 best Saws	6 Files	2 Pairs Pliers	Cutting Punch
Axe	Oil Stone	Compasses	Scraper
3 Hammers	Marking Awl	Lock Saw	Bevil
Mallet	8 Punches	Smooth Plane	Coach Wrench
Rule	3 Turnscrows	Jack Plane	Chalk Line Reel
Pincers	Gas Pliers	Cutting Gauge	Brace, and
6 Gimlets	Hand Vice	Marking Gauge	12 assorted Bits
6 Bradawls	2 Spokeshaves	Mortise Gauge	Cutting Nippers
8 Chisels	Square	Gluepot & Brush	2 Mortise Chisels
4 Gouges	Claw Wrench	Drawing Knife	Furniture, etc.

**No. 24.—Price 114/6 each.**

Size of Chest, 24 inches long, 13 inches wide, and 13½ inches deep. Made of best selected oak, French polished and elegantly finished, hand dovetailed corners, extra strong brass strap handles and brass furniture, with two outside drawers and inner tray with divisions, double link chest lock and two drawer locks. A most useful Chest for an amateur, containing 69 Tools of warranted extra quality, viz. :—

3 best Saws	5 Files	Claw Wrench	Gluepot & Brush
Axe	Oil Stone	2 Pairs Pliers	Drawing Knife
2 Hammers	Marking Awl	Compasses	Cutting Punch
Mallet	3 Punches	Lock Saw	Scraper
Rule	3 Turnscrows	Smooth Plane	Bevil
Pincers	Pliers	Jack Plane	Chalk Line Reel
6 Gimlets	Hand Vice	Cutting Gauge	2 Mortise Chisels
6 Bradawls	2 Spokeshaves	Marking Gauge	Coach Wrench
6 Chisels	Square	Mortise Gauge	Furniture, etc.
4 Gouges			

**No. 23.—Price 92/6 each.**

Size of Chest, 23 inches long, 12½ inches wide, and 13 inches deep. Made out of best selected oak, French polished and elegantly finished, hand dovetailed corners, extra strong brass strap handles, brass furniture, with two outside drawers and inner tray with divisions, double link chest lock and two drawer locks, containing 65 Tools of warranted extra quality, viz. :—

3 best Saws	6 Bradawls	3 Turnscrows	Compasses	Gluepot & Brush
Axe	6 Chisels	Bed Key	Lock Saw	Drawing Knife
2 Hammers	4 Gouges	Hand Vice	Smooth Plane	Cutting Punch
Mallet	4 Files	2 Spokeshaves	Jack Plane	Scraper
Rule	Oil Stone	Square	Cutting Gauge	Bevil
Pincers	Marking Awl	Claw Wrench	Marking Gauge	Chalk Line Reel
6 Gimlets	3 Punches	2 Pairs Pliers	Mortise Gauge	Furniture, etc.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

**PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',**

**No. 22.—Price 80/- each.**

Size of Chest, 22 inches long, 12 inches wide, and 10½ inches deep. Made of extra quality oak, beautifully polished, neatly hand dovetailed corners, strong brass strap handles and furniture, with one outside drawer, inner tray with divisions and double link chest and drawer locks, containing 60 Tools of warranted extra quality, viz. :—

8 best Saws	6 Chisels	2 Spokeshaves	Cutting Gauge
Axe	4 Gouges	Square	Mortise Gauge
2 Hammers	4 Files	Claw Wrench	Gluepot and Brush
Mallet	Oil Stone	1 Pair Pliers	Drawing Knife
Rule	Marking Awl	Compasses	Cutting Punch
Pincers	2 Punches	Lock Saw	Scraper
6 Gimlets	3 Turnscrows	Smooth Plane	Bevil
6 Bradawls	Hand Vice	Jack Plane	Furniture, etc.

**No. 21.—Price 68/- each.**

Size of Chest, 21 inches long, 11½ inches wide, and 10 inches deep. Made of best selected oak, hand dovetailed corners, elegantly polished, with one outside drawer and inner tray suitably divided, strong brass strap handles, furniture and double link chest and drawer locks, containing 57 Tools of warranted extra quality, viz. :—

2 best Saws	6 Chisels	2 Spokeshaves	Jack Plane
Axe	4 Gouges	Square	Marking Gauge
2 Hammers	4 Files	Claw Wrench	Gluepot and Brush
Mallet	Oil Stone	Pliers	Drawing Knife
Rule	Marking Awl	Compasses	Cutting Punch
Pincers	2 Punches	Lock Saw	Scraper
6 Gimlets	3 Turnscrows	Smooth Plane	Bevil
6 Bradawls			Furniture, etc.

**No. 20.—Price 57/6 each.**

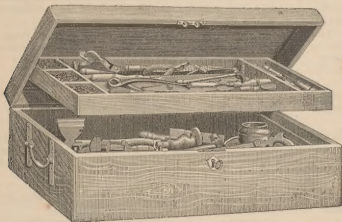
Size of Chest, 20 inches long, 11 inches wide, and 9 inches deep. Made of best selected oak, hand dovetailed corners, well polished, with one outside drawer and inner tray with divisions, brass strap handles and trimmings, double link chest and drawer locks. A very useful sized Chest, containing 48 Tools of warranted extra quality, viz. :—

Best Hand Saw	5 Chisels	2 Spokeshaves	Marking Gauge
Axe	3 Gouges	Square	Gluepot and Brush
Hammer	4 Files	Claw Wrench	Drawing Knife
Mallet	Oil Stone	Pliers	Cutting Punch
Rule	Marking Awl	Compasses	Scraper
Pincers	Punch	Lock Saw	Bevil
5 Gimlets	2 Turnscrows	Smooth Plane	Furniture, etc.
5 Bradawls			

*Any of the Chests mentioned in this Catalogue can be supplied at less cost in polished Pine instead of Oak. Prices on application.*

**MELHUISS'S, Fetter Lane, Holborn Circus, E.C.**

The following list of Oak Tool Chests are made equally as well as the larger sizes, but being of smaller dimensions, we fit them with tools of proportionate sizes :—



"One year's faithful practice at a mechanical employment before the age of ten, will make a youth more efficient in future than two years after that time."—SPENCER.

The above is good advice ; if acted upon with boys, it would produce strong minds and strong and healthy bodies. Would you cultivate the understanding of your boy, cultivate the powers it is to govern ; exercise his mind and body at the same time in a useful manner—for the grand secret of education is to contrive that the exercise of the body and that of the mind may always serve as relaxation to each other. If one-tenth of the time which is wasted in practising gymnastic exercises were directed to the acquisition of adequate industrial habits, the physical faculties of pupils would be much better developed and their power incomparably increased. Skill in the use of tools is of incalculable advantage. It gives useful employment to many an otherwise idle hour. It prompts one to add a thousand little conveniences to the house, which, but for this skill, would never be made. In a word, it is the carrying out, in a fuller sense, the design of the Creator, when He implanted the faculty of constructiveness within us. A bent for mechanical pursuits usually manifests itself at a very early period in life: the inclination of the six-year-old boy to hammer and pound, to tear open toys and clocks to "see what makes 'em go," all so annoying to the careful parent, may be taken as indications of latent constructive genius, although now manifested in a very destructive form. In the youth the mechanical bias becomes still more apparent, manifesting itself in attempts to construct waggons, boats, small engines, etc. With such a boy a mechanical education is no doubtful experiment ; talk to him about it, and he wants to go to a mechanical college, where he may learn to be in deed and in truth a competent mechanical engineer.

Give your boys a Box of **GOOD TOOLS**, and if possible a room or place for a workshop. Employed in it, they will not only be kept out of mischief, but they will be strengthening their muscles, exercising their mental powers, and fitting themselves for greater usefulness, when they shall be called upon to take their places in the ranks of men.

**MELHUISS'S, Fetter Lane Holborn Circus, E.C.**

**PRIZE MEDAL for Excellence of Tools--Wood and Metal Workers',**

**No. 19.—Price 45/6 each.**

Size of Chest, 19 inches long, 10½ inches wide, and 8 inches deep. Made of best polished oak, hand dovetailed corners, with outside drawer and inside tray, brass strap handles, trimmings, and double link chest and drawer locks, containing 38 Tools, viz. :—

C. S. Hand Saw	4 Bradawls	2 Turnscrows	Smooth Plane
Hatchet	4 Chisels	Spokeshave	Marking Gauge
Hammer	2 Gouges	Square	Gluepot and
Mallet	3 Files	Claw Wrench	Brush
Rule	Oil Stone	Pliers	Furniture
Pincers	Marking Awl	Compasses	Lock Saw
4 Gimlets			Punch

**No. 18.—Price 35/6 each.**

Size of Chest, 18 inches long, 10 inches wide, and 5 inches deep. Made out of selected oak, dovetailed, well polished, and neatly finished, with inside tray, brass folding handles, and chest lock, containing 38 Tools, viz. :—

C. S. Hand Saw	3 Gimlets	Marking Awl	Square
Hatchet	3 Bradawls	Punch	Claw Wrench
Hammer	3 Chisels	Plane	Pliers
Mallet	2 Gouges	2 Turnscrows	Compasses
Rule	3 Files	Spokeshave	Furniture, etc.
Pincers	Oil Stone	Saw Pad	

**No. 17.—Price 28/- each.**

Size of Chest, 17 inches long, 9 inches wide, and 4½ inches deep. Made of best polished oak, dovetailed corners, small inner tray with divisions, best brass folding handles, etc., and good chest lock, containing 28 Tools, viz. :—

C. S. Hand Saw	3 Gimlets	Marking Awl	Oil Stone
Hatchet	3 Bradawls	Punch	Claw Wrench
Hammer	2 Chisels	Turnscrew	Pliers
Mallet	Gouge	Spokeshave	Compasses
Rule	3 Files	Square	Furniture, etc.
Pincers			

**No. 16.—Price 22/6 each.**

Size of Chest, 16 inches long, 8½ inches wide, and 4 inches deep. Made of best selected oak, elegantly polished, dovetailed corners, inner tray with divisions, best brass folding handles, trimmings and chest lock, containing 23 Tools, viz. :—

C. S. Hand Saw	Pincers	3 Files	Spokeshave
Hatchet	2 Gimlets	Oil Stone	Square
Hammer	2 Bradawls	Marking Awl	Claw Wrench
Mallet	1 Chisel	Punch	Furniture, etc.
Rule	Gouge	Turnscrew	

**MELHUISH'S, Fetter Lane, Holborn Circus, E.C.**

**No. 15.—Price 17/6 each.**

Size of Chest, 15 inches long, 8 inches wide, and 3½ inches deep. Made of best oak, dovetailed corners, well polished and finished, with inside tray, brass handled and chest lock, containing 18 Tools, viz. :—

C. S. Hand Saw	Pincers	Gouge	Turnscrew
Hammer	2 Gimlets	File	Square
Mallet	2 Bradawls	Marking Awl	Compasses
Rule	Chisel	Punch	Furniture, etc.

**No. 14.—Price 13/- each.**

Size of Chest, 14½ inches long, 6½ inches wide, and 3 inches deep. Made throughout of best oak, dovetailed corners, inner tray, nicely polished and brass handled, containing 12 Tools, viz. :—

C. S. Hand Saw	Mallet	Rule	Gouge
Hammer	Pincers	Chisel	Turnscrew
Gimlet	Bradawl	File	Furniture, etc.

**No. 13.—Price 10/9 each.**

Size of Chest, 13½ inches long, 5½ inches wide, and 3 inches deep. Made of best oak, dovetailed, well polished and brass handled, with inside tray, containing 10 Tools, viz. :—

C. S. Hand Saw	Mallet	Chisel	Bradawl
Hammer	Pincers	Gouge	Turnscrew
Gimlet			Furniture, etc.

**No. 12. Price 10/- each.**

Size of Chest, 12½ inches long, 5 inches wide, and 3 inches deep. Made of the best polished oak, dovetailed corners, brass handle, chest lock, etc., containing 14 Tools, viz. :—

Hand Saw	Hammer	Square	Bradawl	Turnscrew
Mallet	Chisel	File	Punch	Marking Awl
Pincers	Gouge	Rule	Gimlet	

**No. 11.—Price 8.6 each.**

Size of Chest, 11 inches long, 4½ inches wide, and 3 inches deep. Made of best oak, dovetailed corners, nicely polished, with brass handle, etc., containing 10 Tools, viz. :—

Hand Saw	Mallet	Gimlet	Gouge	Rule
Hammer	Bradawl	Chisel	Pincers	Turnscrew

**No. 10.—Price 7/- each.**

Size of Chest, 9½ inches long, 4½ inches wide, and 3 inches deep. Made of best oak, dovetailed corners, well polished, and brass handled, containing 9 Tools, viz. :—

Hand Saw	Mallet	Gimlet	Gouge	Turnscrew
Hammer	Bradawl	Chisel	Pincers	

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'.

## Emigrant's Tool Chest.

No. 1. Price 154/- each.

Size of Chest, 35 inches long, 18 inches wide and 18 inches deep. Made of extra strong pine, painted two coats, hand dovetailed corners and heavy bands, strong folding handles, hinges and chest lock, with saw rack, inside sliding tray and two drawers, fitted up complete with tools of warranted extra quality, viz. :—

Best Axe	Marking Awl	6 C. S. Gimlets
Best Carpenters' Adze	8 Socket Chisels	6 Bradawls
Carpenters' Hand Saw	Plated Square	Carpenters' Mallet
Do. Tenon Saw	8 Augers	Boxed Whetstone
Do. Compass	Spokeshave	Brad Punch
Saw	2 London Turnscrows	Compasses
Jack Plane	Marking Gauge	Carpenters' Pincers
1 Pair Grooving Planes	Improved Brass Sliding	Rule
Rabbit Plane	Mortise Gauge	Gluepot and Brush
Smooth Plane	Best Brace, with 18 Bits	Pliers
5 C. S. Firmer Chisels	Bench and Roofing	Chalk Line and Reel
8 C. S. Firmer Gouges	Hammer	Coach Wrench
8 Best Mortise Chisels	8 assorted Files	

## Emigrant's Tool Chest.

No. 2.—Price 231/- each.

Size of Chest, 36 inches long, 20½ inches wide and 18½ inches deep. Made of best extra strong pine, painted two coats, strong hand dovetailed corners, heavy bands and base, roped block ends, extra strong hinges and double link chest lock, with inner sliding tray, two drawers and saw rack conveniently arranged. Fitted up complete with Tools of warranted extra quality, viz. :—

Best Axe	8 Best Mortise Chisels	Bench Vice
Do. Carpenters' Adze	4 Socket Chisels	Marking Gauge
Carpenters' Hand Saw	Plated Square	Roofing Hammer
Do. Tenon Saw	Spokeshave	Compasses
Do. Compass Saw	Drawing Knife	5 Files (assorted)
Jack Plane	4 Augers	Carpenters' Mallet
Smooth Plane	Brass Slide Mortise	Spring Oil Can
Trying Plane	Gauge	Marking Awl
1 Pair Grooving Planes	Gluepot and Brush	Brad Punch
Rabbit Plane	Pliers	Chalk Line Reel
Bead Plane	Best Brace, with 24 Bits	Carpenters' Pincers
Moving Fillister do.	6 C. S. Gimlets	Boxed Whetstone
8 London Turnscrows	6 Bradawls	Rule
6 C. S. Firmer Chisels	Coach Wrench	
4 C. S. Firmer Gouges	2 Bench Hammers	

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.



## Emigrant's Tool Chest.

Price 307/- each.

Size of Chest, 37 inches long, 23½ inches wide and 22 inches deep  
Made of best extra strong pine, painted two coats, securely hand dovetailed corners, heavy bands and base, roped block ends, extra strong hinges and double link chest lock, with inner sliding tray, four drawers and saw rack conveniently arranged. Fitted up complete with Tools of warranted extra quality, viz. :—

Best Axe	Drawing Knife	7 Files (assorted)
Do. Carpenters' Adze	6 Augers	Cutting Nippers
Carpenters' Hand Saw	3 London Turnscrows	2 Pairs Carpenters' Pincers
Do. Tenon Saw	Marking Gauge	Bell Hangers' Pliers
Do. Compass Saw	Improved Brass Slide	2 Pairs Compasses
Jack Plane	Mortise Gauge	2 Pairs Pliers
3 Mortise Chisels	Cutting Gauge	Chalk Line Reel
Trying Plane	Best Brace, with 30 Bits	Gluepot and Brush
2 Pair Grooving Planes	8 Gimlets	Carpenters' Mallet
Rabbet Plane	8 Bradawls	Boxed Whetstone
Plough, with 6 Bits	Smooth Plane	Spring Oil Can
Moving Fillister	Rule	Marking Awl
Coach Wrench	Turning Saw & Frame	Brad Punch
12 C. S. Firmer Chisels	2 Bead Planes	Hand Vice
6 C. S. Firmer Gouges	Saw Pad and Saw	Bench Vice
5 Socket Chisels	2 Bench Hammers	Measuring Tape
2 Plated Squares	Roofing Hammer	
2 Spokeshaves		

## Improved Youths' Tool Chests.

No. 1.—Size 14 by 6½ by 4. Price 9 6. Contains

C. S. Hand Saw	C. S. Bradawl	File (Handled)	Rule
Exeter Hammer	Chisel (Handled)	Punch	Nail Tacks
Tower Pincers	Gouge do.	Marking Awl	Furniture, etc.
C. S. Gimlet	Turnscrew	Beechwood Mallet	

No. 2. Size 15½ by 7½ by 4½. Price 12 9. Contains

C. S. Hand Saw	2 C. S. Bradawls	Flat-nose Pliers	Marking Awl
Exeter Hammer	C. S. Firmer Chisel	Rule	Nails
Beechwood Mallet	C. S. Firmer Gouge	Marking Gauge	Tacks
Tower Pincers	Punch	File (Handled)	Furniture, etc.
2 C. S. Gimlets	Turnscrew	Joiners' Pencil	

No. 3.—Size 16½ by 7½ by 4½. Price 16 6. Contains

C. S. Hand Saw	2 C. S. Bradawls	Rule	Steel Compasses
Exeter Hammer	C. S. Firmer Chisel	Flat-nose Pliers	Joiners' Pencil
Tower Pincers	C. S. Firmer Gouge	Punch	Claw Wrench
Beechwood Mallet	Smooth Plane	Turnscrew	Cased Oil Stone
2 C. S. Gimlets	File (Handled)	Marking Awl	Nails, Furniture, etc.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

# PRIZE MEDAL for Excellence of Tools - Wood and Metal Workers',

The following are an entirely new thing in Oak Tool Chests, both as regards shape and contents, and are introduced as especially suitable for presents, etc. They are elegantly polished and finished with good lock and brass handles - "The A 1" with name plate, and all the tools of superior quality.

## A 1. Size 21 by 10 by 6½. Price 42 6. Contains

Cast Steel Hand Saw	3 Files	Marking Gauge
Steel Polled Hatchet	Cased Oil Stone	Cutting Gauge
Hammer	Marking Awl	Flat-nose Pliers
2-ft. Boxwood Rule	Nail Punch	C. S. Compasses
Best Tower Pincers	Cutting Punch	C. S. Double Iron Smooth Plane
4 C. S. Gimlets	Drawing Knife	Fret Saw and Pad
4 C. S. Bradawls	2 Turnscrows	Polished Beechwood Mallet
4 C. S. Firmer Chisels	Spokeshave	Furniture, etc.
2 C. S. Firmer Gouges	Plated Square	
Claw Wrench	Glue Pot and Brush	

## A 2.-Size 17½ by 8½ by 5½. Price 24 -. Contains

Cast Steel Hand Saw	2 C. S. Firmer Chisels	Spokeshave
Steel Polled Hatchet	C. S. Firmer Gouge	Plated Square
Hammer	2 Files	Claw Wrench
2-ft. Boxwood Rule	Cased Oil Stone	Flat-nose Pliers
Best Tower Pincers	Marking Awl	C. S. Compasses [Mallet
2 C. S. Gimlets	Nail Punch	Polished Beechwood
2 C. S. Bradawls	Turnscrew	Furniture, etc.

This Chest is made of best polished Pine, good lock, brass handles, etc.; the Tools it contains are of warranted quality, and adapted to household use.

## A 3.-Size 21 by 10 by 5½. Price 22/6. Contains

Cast Steel Hand Saw	Flat-nose Pliers	2 C. S. Bradawls
Steel Polled Hatchet	Oil Can	2-ft. Boxwood Rule
Hammer	Half-Round File	Nail Punch
Turnscrew	Three-Square File	Marking Awl
Best Tower Pincers	Tack Wrench	Polished Beechwood
C. S. Firmer Chisel	Bed Key	Mallet
C. S. Firmer Gouge	3 C. S. Gimlets	Furniture, etc.

Tool Chests made to order of any desired pattern.  
and fitted up in any manner.

Price List of Empty Tool Chests on Application.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



As Illustrated  
£1 1/-

### Horticultural Tool Chest.

- No. 1, price 28** each—Contains Garden Hoe, Dutch Hoe, Garden Rake, Spud, Weeding Hook, Garden Reel, Garden Hammer, Pruning Saw, and Garden Trowel.
- No. 2, price 48** each—Contains Garden Hoe, Dutch Hoe, Triangle Hoe, Spud, Weeding Hook, Garden Rake, Garden Shears, Scissors, Flower Gatherer, Vine Scissors, Pruning Saw, Garden Trowel, Garden Hammer, Garden Reel, Pruning Knife with Stag Handle, Budding Knife with Ivory Handle.
- No. 3, price 60** each—Contains Garden Hoe, Dutch Hoe, Triangle Hoe, Spud, Weeding Hook, Garden Rake, Garden Shears, Improved Slide Pruning Shears, Sliding Pruning Scissors, Flower Gatherer, Vine Scissors, Pruning Saw, Cast Steel Blued Garden Trowel, Garden Hammer, Garden Reel, Pruning Knife with Stag Handle, Budding Knife with Ivory Handle.
- No. 4, price 68** each—Contains Garden Hoe, Dutch Hoe, Triangle Hoe, Spud, Weeding Hook, Garden Rake, Garden Shears, Improved Slide Pruning Shears, Sliding Pruning Scissors, Flower Gatherer, Vine Scissors, Pruning Saw, Cast Steel Blued Garden Trowel, Garden Spade, Garden Hammer, Garden Reel, Pruning Knife with Stag Handle, Budding Knife with Ivory Handle.
- Ladies' Garden Tools, price 13** set—Consisting of Garden Hoe, Dutch Hoe, Garden Rake, and Weeding Hook, all made to screw into one socket attached to a hard wood handle.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools---Wood and Metal Workers',

## Buhl, Fretwork, and Amateur Wood Carvers' Tool Chests.

### No. 1. Polished Deal Chest, 106 each, contains--

Buhl Saw Frame, 6 in.	Workboard	Turnscrew
Three Dozen Saws for do.	2 Cramps for do.	Small Iron Plane
3 small Files	2 Sheets Designs	Spiral Drill and 6 Bits
	Handled Bradawl	Card of Instructions

### No. 2. Polished Deal Chest, 21- each, contains -

Best Buhl Saw Frame, 9 in.	Spiral Drill and Six Bits	3 Handled Carving Tools
Six Dozen Saws for do.	Brass Back Saw, 5 in.	Turnscrew
Workboard	Small Iron Plane	Card of Instructions
3 Cramps for do.	2 Handled Bradawls	Screws
3 small Buhl Files	Small Hammer	Hooks, etc.
3 Sheets Designs	Paste Brush	

### No. 3. Polished Oak Chest, 45- each, contains--

Hone, for sharpening Tools	6 Sheets Designs	Small Iron Plane
Workboard	Handled Half-round Cabinet File	Star Punch
2 Cramps for do.	Do. do. Rasp	Small Hammer
Buhl Saw Frame, 12 in.	6 Handled Carving Tools	Paste Brush
Piercing Saw Frame	Spiral Drill, with 6 Bits inside Handle	Turnscrew
Twelve dozen Saws for do.	Small Brass Back Saw	2 sheets of Sandpaper
6 small Files		Card of Instructions
		Small Screws
		Hooks, etc.



BUHL PUNCHES, any Pattern, Assorted, 9/6 dozen, or 1/- each.

We have in stock choice assortment of Fancy Woods of various thicknesses, from  $1\frac{1}{2}$  down to  $\frac{1}{8}$  in.; well suited for Carvers and Fret Sawyers.

For fuller List, see page 106.

EBONY, BOXWOOD, etc., suitable for Turners see Lathes.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

**Patent Lawn Mowers,**  
AND OTHER  
**Horticultural Specialities.**

We have made arrangements with, and are now prepared to supply any maker's machines, allowing the full trade discount, from 25 up to 40 per cent., simply claiming our 5 per cent. commission to cover cost of correspondence, etc.



We have in Stock an assortment of First-Class Tools for use in Garden, Stable, and general purposes.

Stable Fittings at makers' prices and discounts.

If you are wanting, let us know your requirements; will then be pleased to send prices and illustrations.

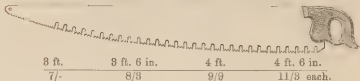
**MELHUISH'S, Fetter Lane, Holborn Circus, E.C.**

PRIZE MEDAL for Excellence of Tools Wood and Metal Workers',

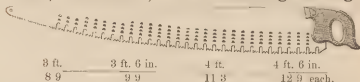
SYDNEY EXHIBITION, 1880. First Prize, with First Special Prize, for Invention and Improvement in Saws.

*THE CÉLÉRIÈRE IS THE MOST SWIFT AND THE EASIEST CUTTING HAND SAW EXTANT.*

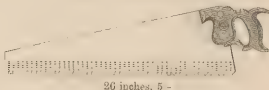
### One Man Cross-cut Saw.



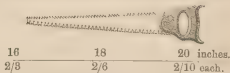
### Ditto, Perforated, to assist in re-gulleting.



### Patent Perforated.



### Double-Edge Pruning Saw.



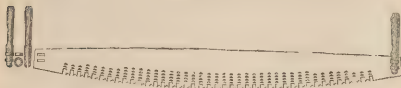
MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

## Compass Saws.

ENGLISH OR AMERICAN PATTERN.

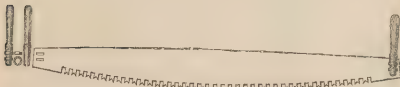
10	12	14	16	18 inches.
1/6	1/8	1/10	1/11	2/- each.

### Best C. S. Cross-cut, Célérité Teeth.



4 ft.	4 ft. 6 in.	5 ft.	5 ft. 6 in.	6 ft.	6 ft. 6 in.	7 ft.
11/-	12/6	15/-	16/-	18/-	19/6	21/-
		8 ft.	8 ft. 6 in.			
		23/6	27/6 each.			

If with patent handles (as illustrated), 1/6 each extra.



4 ft.	4 ft. 6 in.	5 ft.	5 ft. 6 in.	6 ft.	6 ft. 6 in.	7 ft.
9/6	11/-	13/6	14/6	16/6	18 -	19/6
		7 ft. 6 in.	8 ft.			
		22/-	25/6 each.			

If with patent handles (as illustrated), 1/6 each extra.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

**PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',**



**Price 8/- Our Latest Improvement.**

The blade is made from Extra Cast Steel, which is manufactured specially for the purpose. It is tempered and ground by patent machinery, being accurately tapered from the tooth to the back, and from the heel to the point (the teeth remaining the same thickness throughout), so that it will work clear and sweet with the least possible "set."

The handle is of the finest quality of Beech, full polished, with four raised Brass Screws, and is bevelled and shaped so as to adapt itself exactly to the configuration of the hand, and give greater ease and avoid all cramping of the fingers in working. The heel of the Blade is secured in a Nickel-plated Metal Plate screwed on to the handle, and this has the effect of at once holding the blade in a perfectly rigid manner, and protecting the handle in its weakest place from being broken when the Saw is being used for Ripping.

We confidently recommend this Saw to skilled mechanics, believing that it possesses merits not previously attained. To Cabinet Makers and others working fine and hard woods it is invaluable.

**Superior London, fully warranted.**

Rip or Half Rip Saw, R.M. & S. ... 28 in., 6/-

Hand or Panel Saw -

16	18	20	22	24	26 inches.
8/3	8/6	8/9	4/-	4/6	4/9 each.

Second quality Hand Saw—

16	18	20	22	24	26 inches.
2 -	2 3	2 6	2 9	3 3	3 6 each.

Combination Hand Saw, Square, and 2-ft. Measure, 6 - each.



If with Célérité Teeth, 1/6 extra.

**MELHUISH'S, 1 Fetter Lane, Holborn Circus, E.C.**



The "Special" Hand Saw, 26 in., 2/3 each.

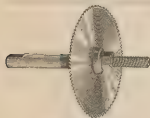
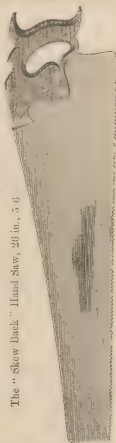


H. Diston's No. 7 Cast Steel Saw, Beech Handle.



1 1/2 20 .. 24 26 28 30 inches.  
1 6 5/6 6/6 7/- 8 - 9/- each.

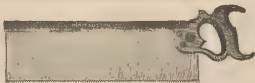
The "Skew Back" Hand Saw, 26 in., 5/6



No. 1—Spindle, 5 in. ; C. Saw, 8 in. ...	4/6
„ 2—Ditto 5 in. ; ditto 4 in. ...	6/-
„ 3—Ditto 6 in. ; ditto 5 in. ...	7/9
„ 4—Ditto 7 in. ; ditto 6 in. ...	9/6
„ 5—Ditto 8 in. ; ditto 8 in. ...	12/6

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'.



No. 4.—Disston's Iron Back.

10	12	14 inches.
5/-	5/6	6/- each.

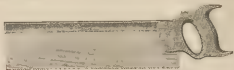
Superior London C. S. Brass Back Tenon Saws—

8	9	10	12	14	16	18 inches.
3/6	3/9	3/9	4/8	5/-	6/-	7/6 each.

Best C. S. Iron Back Tenon—

8	9	10	12	14	16	18 inches.
3/-	3/-	3/3	3/9	4/3	4/9	5/6 each.

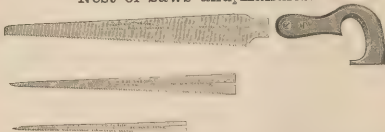
Best Dovetail, Extra Fine, Iron Back, 6 in., 3 9; Brass Back, 4 3 each.



C. S., Second Quality, Iron Back Tenon Saw, Polished Edge Handle, warranted Cast Steel Blade—

8	9	10	12	14 inches.
2/6	2/8	2/10	3/-	3/4 each.

Nest of Saws and Handles.



Price, Complete, 4/3 each.

The Nest combines one each Keyhole, Compass and Table or Pruning Saw.

N.B.—Admirably adapted to any purpose, where Blades are frequently broken, as they can be immediately substituted in the same handle at a trifling cost. The Saws are made of the very best Cast Steel.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## Cast-Steel Grooving Saws.

(The Teeth are sawn out, and Saw turned thinner to the centre.)

Sizes in Thickness—

$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	in.
16	110	24	26	210	3	36	39	4	42	46	5	6	per in. in. diam.

Prices—

## Warranted Cast-Steel Frame, Pit, and Cross-Cut Saws.

Sizes	...	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$	7	$7\frac{1}{2}$	8	feet.
Prices	...	16 6	17 6	19 6	21	24	26	28	33	39	each.

## Best Wood Frames for Frame Saws.

Sizes	...	$5\frac{1}{2}$	6	$6\frac{1}{2}$	7	$7\frac{1}{2}$	8	feet.
Prices	...	13/6	14/6	15/6	16/6	17/6	18/6	each.

## Fittings for Frame and Pit Saws.

Pit Saw Boxes...	...	...	...	...	...	Price 1/6 each.
" Tilters	...	...	...	...	...	" 3/- "
Buckles	...	...	...	...	...	" 4/- pair.
Iron-bound Pit Screws	...	...	...	...	...	" 80/- "

## Vertical Mill and Timber Saws.

Sizes	...	8	$8\frac{1}{2}$	4	$4\frac{1}{2}$	feet.
Prices	...	4/8	5/-	6/-	7/6	each.

## French Band Saws.

Sizes	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	inches.
Prices	-/4	-/4	-/4½	-/5	-/5	-/6	-/6	1/-	1/-	1/3 per ft.

1/- extra if Brazed in Lengths of 16, 20, 22, 30, and 36 ft.

## Cast-Steel Stone Saws.

Sizes	...	...	...	5	5½	6	6½	7	7½	8	feet.
Not exceeding 9 inches wide	21'	26'	28	31	34	38	42	each.			

If exceeding 9 inches wide, to be charged 1/- per inch extra.

## Cast-Steel Felloe Saws.

Sizes	...	...	...	4	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$	7	feet.
Prices	...	...	...	8	9	10	12	14	16	18	each.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

**PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'.**



Price 8d. each.

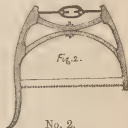
The above cut shows a new and most convenient combination of a Keyhole Saw, Screwdriver, Saw Pad, and Spanner complete. The Iron Spanner will fit  $\frac{3}{8}$  in. and  $\frac{1}{2}$  in. nuts. The Saw, which is 10 inches long, fits in a slot through the centre of the Spanner, and can be adjusted to any desired length by means of a set-screw. This tool is most useful to Gentlemen, Amateurs, &c.

**Turning Saws and Frames.**



No. 1.

10	12	14	16	18 inches.
8/10	4/8	4/8	5/6	6/8 each.



No. 2.

**American Frame Saw.**  
Complete, 4/6.



**Circular Saws.**

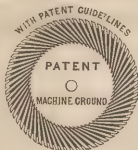
Prices of Best Cast Steel Plain and Perforated **PATENT MACHINE GROUND** Circular Saws, with Standard Gauges up to—

MACHINE GROUND			Diameter	4	6	8	10	12	14
			Thickness	22	20	19	18	17	17
			Bright	3/3	5/-	7/-	9/6	11/9	14/6
Diameter	16	18	20	22	24	26	28	30 inches.	
Thickness	16	15	14	14	13	12	12	12 gauge.	
Bright	17/6	22/-	26/-	30/6	35/-	41/-	50/-	57/- each.	

(And all sizes up to 7 feet in diameter).

**MELHUISH'S, Fetter Lane, Holborn Circus, E.C.**

Perforated  
same price as  
Guide Lines.



Estimates for  
Saw Mill requisites  
on application.

All sizes up to	4	6	8	10	12	14	16	18
	5/-	7/-	9/-	11/6	13/9	15/6	17/6	25/6
	20	22	24	26	28	30 inches.		
	28/6	33/-	39/-	46/-	55/-	62/- each.		

Best Cast Steel Circular Saws, for sawing Iron, Steel, Copper and Brass.

Diameter	4	5	6	7	8	9	10	11	12 inches.
Thickness	16	15	15	14	14	14	13	13	13 gauge.
Bright	3/9	5/9	6/3	7/-	8/-	9/6	10/10	11/8	13/9 each.

Circular Saws for Cutting Pearl or Ivory, same Prices as above. If stronger than these Gauges, to be charged extra.

Net Prices on application for all kinds of Saw Mill Requisites, as Saw Fittings, Planing, Moulding, Grooving, Tonguing, and other Irons, Circular Saw Spindles, Fly Presses, Beds, and Punches, etc., etc.; also Machine Chaff Knives, Tobacco and Paper Knives, etc.

## Common Quality Iron Back Tenon Saws.

10 inches 1/6 each.

12    „    1/9    „



Best quality and finish, with hard wood handles, suitable for cutting Brass, Copper, or any soft Metals.

4 inches, 1/6      6 inches, 2/-      8 inches, 2/6 each.

Cheap common quality, 6 inches, 1/- each.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

**PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',**



This is a convenient combination of a Keyhole Saw, Saw Pad, and Screwdriver, complete. Price 1/- each.

Keyhole Saws, any size ... Best, 8d. each; common, 4½d.



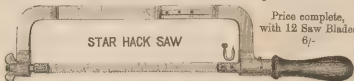
Ebony Saw Pad, best quality	...	...	...	2/8
Rosewood do. do.	...	...	...	2/-
Boxwood do. do.	...	...	...	1/9
Beech do. do.	...	...	...	1/-
Small Beech do. do.	...	...	...	9d.



Best quality, for cutting Metals:—

5 inches ... 3/-	7 inches ... 4/-	9 inches ... 5/-	11 inches ... 6/-
6 " ... 3 6	8 " ... 4 6	10 " ... 5 6	12 " ... 7/-

Blades for above ... 1d. per inch.



Price complete,  
with 12 Saw Blades  
6/-

These frames are all made of steel, and, as seen in the cut, are all adjustable, so as to face the blade in four different directions. The extension frames will hold the four different lengths of blades. The solid frames only hold the 8-inch blades, this being the length most in use; they all have the patent staple shaped pins to hold the blades in the frame, which are so arranged that they cannot fall out.

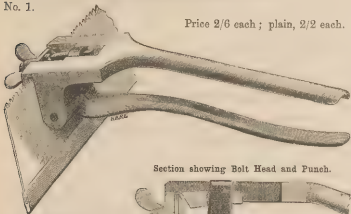
This saw is very much harder than a file, and will cut iron and steel almost as readily as wood. One saw will cut off a bar of half inch round iron eighty times, or a bar of untempered steel forty times. It cuts ten times as fast as a file, and at one tenth the cost. As it cuts everything, it will do most of the sawing required about a house, shop, or farm.

**MELHUISS'S, Fetter Lane, Holborn Circus, E.C.**

## Patent Lever Saw Sets.

No. 1.

Price 2/6 each; plain, 2/2 each.

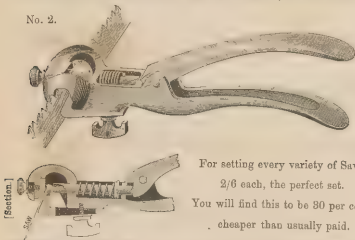


Section showing Bolt Head and Punch.

### Directions for Use.

Place the set on the Saw as above, holding it in the right hand; place the punch in lever to tooth required setting, then grasp the lever and handle together. The punch in lever forces the tooth of the Saw over on the bevelled head of the bolt, and the tooth is set

No. 2.



For setting every variety of Saws,  
2/6 each, the perfect set.

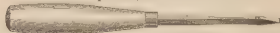
You will find this to be 30 per cent.  
cheaper than usually paid.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## Turning Tools.

For Metal, Brass, &c., square, flat, and fancy shapes, for inside and outside, assorted patterns, boxwood handles.



The set of 6 ... .. 8/-, or 1/6 each.

The set of 12, complete assortment, including  
fancy shapes for ornamental turning ... 17/6, or 1.9 each.



Turning Gouges (assorted sizes).

The set of 8, handled ... .. 9/-

Turning Chisels (assorted sizes).

The set of 8, to 1 inch ... .. 7/8

✓ Parting Tools.

All sizes up to 1/2 inch, straight, box-handled ... .. 1/5 each.

Do. do. bent, do. ... .. 1/7 do.

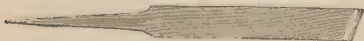
MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



### CONDITIONS OF WARRANTY.

We warrant all goods bearing our trade mark to be perfect, so far as the material and workmanship is concerned. If a tool proves too soft and bends on the edge or breaks in consequence of a flaw in the steel, and is returned to the person from whom it is bought within 30 days from date of purchase, a new tool will be given in exchange. If it is broken where the steel is sound, it will not be exchanged.

### "Extra" Turning Chisels.



Prices include handles.

Size	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$
Price	- 9 $\frac{1}{2}$	- 11 $\frac{1}{2}$	- 13 $\frac{1}{2}$	- 15	- 16 $\frac{1}{2}$	- 18	- 19	- 20	- 21	- 22	- 23 each.

### Turning Gouges.



Prices include Handles.

Size	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$
Price	1 1	1 1	1 2 $\frac{1}{2}$	1 3	1 6	1 7 $\frac{1}{2}$	1 10	2 2	2 4	2 10	3 6 each.

### New Registered Cast Steel Chisels for Mortising.

Ash Handles with Two Bright Iron Ferrules.



Size	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$
Price	1/0	1/1	1/2	1/3	1/6	1/8	1/11	each.

### Ordinary Pattern Firmer Chisels.

Size	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$
Price	- 4	- 4 $\frac{1}{2}$	- 4 $\frac{1}{2}$	- 5	- 5 $\frac{1}{2}$	- 6	- 7	- 7 $\frac{1}{2}$	- 9 $\frac{1}{2}$	- 10 $\frac{1}{2}$	1 1	1 4	1 7 ea.

Ditto Handled and Set ready for use.

„	- 6	- 6 $\frac{1}{2}$	- 6 $\frac{1}{2}$	- 7	- 7 $\frac{1}{2}$	- 7 $\frac{1}{2}$	- 8	- 9	- 9 $\frac{1}{2}$	1/-	1/1	1/3	1/6	1/9 „
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MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## "Extra" Tanged Firmer Gouges.



Size	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.
Price	5	5	$5\frac{1}{2}$	$5\frac{1}{2}$	6	$6\frac{1}{2}$	8	9	11	11	13	16	1/9 ea.

Ditto Handled and Set ready for use.

„ -/7 -/7  $-\frac{7}{16}$  -/7  $-\frac{7}{16}$  -/8 -/8  $-\frac{7}{8}$  -/9 -/11 1/1 1/3 1/5 1/8 1/11 „  
Chisels, the Sets of 12, to 1 in., 4/8;  $1\frac{1}{4}$  in., 4/9;  $1\frac{1}{2}$  in., 5/8.

Bevel Edge Firmer Chisels, -/4 each extra.

Gouges Ground or Cannelled inside -/2  $\frac{1}{2}$  each extra.

C. S. Long Thin Paring Chisels	...	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$ in.
Do.	do.	do.	Bevel Edge	1/3	1/4	1/6 2/- 2/4
C. S. Long Thin Paring Gouges	-/6 each extra; per Set of 9,					
	$\frac{1}{4}$ in. to $1\frac{1}{2}$ in., 12/6.					

Mortised Chisels, handled, to each	1 4	$\frac{1}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$ in.
Improved Sash Mortise Chisels	1 3	1 4	1 5	1 6	1 9	2 -	
Improved Mortise Lock Chisels, $\frac{1}{4}$ in., 3/8; $\frac{9}{16}$ in., 3/6 each.							

## Socket Firmer Chisels.



Size	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$ inches.
Price	1 -	1 -	1/1	1/2	1/3	1/4	1 6	1 8 each.

New Pocket Chisel, thin Blade, sizes  $1\frac{1}{2}$  in.,  $1\frac{1}{4}$  in., 2 in., 1/3 each.

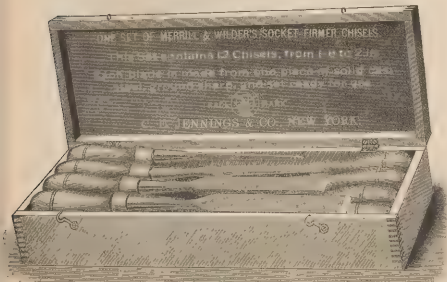
Millwrights', Coachmakers', Gunstockers', and other Chisels and Gouges in Stock.

We have special facilities for the execution of Contracts for Governments or Public Institutions, and to execute General Commissions for Foreign Correspondents, with the greatest care and reliableness, our knowledge of the best English and Foreign Markets enabling us to address ourselves to Shippers and Agents in the various Branches of our Business with confidence.

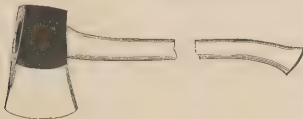
MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

City Guilds Technical Institute, Health Exhibition, 1884.

These Tools are tempered by an improved process, insuring a  
PERFECT CUTTING EDGE 23/-



### Axes.



These felling Axes are made of cast steel, finished in the best manner,  
and fitted with American hickory handles.

With 34 or 36-inch handles, assorted,  $3\frac{1}{2}$  lbs. to 6 lbs. ... 5/- to 9/- each.  
No. 2, 18 to 24-inch handles ... 1/10 to 5/- do.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'.



Gilpin's Celebrated Axes (hickory handles).

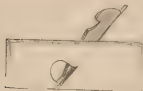
Nos.	0	1	2	3	4	5	6			
	1/4	1/6	1/9	2/-	2/4	2/9	3/8 each.			
						No. 0	1	2	3	4
Best Cast Steel Kent Axes, banded	...	...	...	...	each	2/6	2/9	3/0	3/6	4 0
Do. do. Socket Block Bills	...	...	...	...	"	—	2/2	2/4	2/6	—
Do. do. Carpenters' Adze Heads...	...	...	...	...	"	—	3/8	3/6	3 9	—
Do. do. Wheelers' Adze Heads	...	...	...	...	"	—	—	4/8	4/9	—
							inch	1/2	5/8	3/4
Wheelers' Bruzzes, 14-inch, Common	...	...	...	...	...	...	each	3 0	3 3	3 6
Do. do. do. Best London	...	...	...	...	...	...	"	3/6	3/9	4/0
Best Kent Axe Heads and Coachmakers' Side Axes	...	...	...	...	...	...	...	per lb.	1/8	—
Ash Axe Handles	...	...	...	...	...	...	...	from 0/6	—	—
Ash Adze Handles	...	...	...	...	...	...	...	each	0/10	—
Common Axes, banded	...	...	...	each	0/10	1 0	1 3	1 6	1 9	2 0
Meat Choppers, House or Butchers'	...	...	...	"	1 2	1 8	1 10	2 0	2 3	2 6
Ship Carpenters' Adzes	...	...	...	...	...	each	2/6	2/9	3/0	3 6
Best Coopers' Nail Adzes, Scotch Pattern	...	...	...	...	...	"	3 9	4 0	4 6	5 0
„ C.S. Carpenters' Drawing	8	9	10	11	12	14	16 in.	—	—	—
Knives	1 9	1 10	2 0	2 3	2 6	3 0	3 6	each.	—	—
„ Solid C.S. Wheelers' do.	2 6	2 9	3 0	3 3	3 6	—	—	—	—	—
„ Warranted C.S. Coopers' do.	1 10	2 0	2 3	2 6	3 0	3 6	4 0	—	—	—
„ „ London pattern, Coopers' Hand Round Shaves,	1 6	—	—	—	—	—	—	—	—	—
„ C.S. Gentlemen's Drawing	4	4 1/2	5	5 1/2	6	7	inches.	—	—	—
Knives, with Box Handles	1 9	2 0	2 3	2 6	2 9	3 0	each.	—	—	—
„ Socket Wheelers' Buzzets	3/0	3/1	3/3	3/6	3/9	4/0	inch.	—	—	—
„ Coopers' Drivers, London pattern, 2 1/2 lb.	...	...	...	...	...	...	1/9	—	—	—
„ „ „ 3 lb.	...	...	...	...	...	...	2 0	—	—	—
„ „ Socket Drivers, with wood handles	...	...	...	...	...	...	2/0	—	—	—
„ „ Chintzing Irons	...	...	...	...	...	...	1/10 and 1/0	—	—	—
„ „ Chisels, Nail and Rivet Punches, Bick Irons, Flagging Irons.	...	...	...	...	...	...	—	—	—	—
Bolsters, Tap and Bung Borers, Froes, etc., etc.	...	...	...	...	...	...	—	—	—	—

Bolsters, Tap and Bung Bore, Froes, etc., etc.

Prices on Application.

MELHUISH'S, Fetter Lane, Holborn.Circus,†E.C.

Rabbet Plane.



Skew mouth, to 1 in., 2/6 ; to 1 1/2 in., 2/8 ; to 1 1/2 in., 3/- each.

Ditto, Boxwood Dovetailed Face, 1 in., 5 - ; 1 1/2 in., 5 3 each.

New pattern steel faced, with fore front cutter, thus ensuring a clean cut rabbet, 9 1/2 inches long, 1 1/2 inch cutter, 6/- each.



Jack Planes, 17 in. long, 2 1/2 in. iron, best make...	...	...	...	5/-
Trying do. 22 in. do. do. ...	...	...	...	6/6
Badger Planes ...	...	...	...	8/6
Panel Planes ...	...	...	...	from 6/-, slip 7/-
Jointers' do. ...	24 in., 7/ ; 26 in., 7/6 ; 28 in., 8/-, 30 in., 8 6	...	...	8 6
Jack Planes, single iron	...	...	...	from 2/9 to 3/-
Single Beads to 5/8 in. ...	...	...	...	2/6
Every 1/8 in. 8d. extra.				
Set of 8 Beads to an inch	...	...	...	20/-
Cock Beads ...	...	...	...	each 2/9
Coachmakers' Smooth...	...	...	...	3/6
Do., Compass or Concave	...	...	...	4/-
Coach T Rabbet Plane	...	...	...	3/6
Do., Compass ...	...	...	...	4/-
Pistol Routers ...	...	...	...	per pair 14/-
Moving Fillisters ...	...	4/6, 5/6, 6/6, 7 -, 8/- to 10/-	...	12 -, 16 -, 18/-
Sash Fillisters, capped stems ...	...	...	...	20,
Do., improved stop, dovetailed boxed	...	...	...	per pair 6/6
Lamb's Tongue Sash Planes ...	...	...	...	5/6
Ovaloe Sash Planes ...	...	...	...	1/6
Templets extra...	...	...	...	

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

# PRIZE MEDAL, for Excellence of Tools Wood and Metal Workers',

## Lamb's Tongue Shop Front Planes—

	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2	2 $\frac{1}{2}$ to work on.
	4/6	4/9	5/-	5/6	6/-	6/6 each.
Sash Runners, wood ...	...	...	...	...	...	per pair from 9/6
Old Woman's Tooth, improved ...	...	...	...	...	...	2/-
Scotia Planes to $\frac{3}{8}$ in. ...	...	...	...	...	...	3/6
			Every $\frac{1}{8}$ in. 3d. extra.			
Nosing Planes to 1 in. ...	...	...	...	...	...	3/9
			Every $\frac{1}{8}$ in. 6d. extra.			
Thumb Planes ...	...	...	...	...	...	from 1/6
Square Templets ...	...	...	...	...	...	each -/6
Plough Plane, 8 bright irons ...	...	...	...	...	12 6 16 - 18 - 21 -	26/6
Best do., improved stop, do. ...	...	...	...	...	...	20 -
Hollows and Rounds to 14 inches ...	...	...	...	...	...	per pair 4 4
Do. do. ...	...	...	...	...	per pair, No. 16, 4 8; No. 18, 5 4	
Half set do., 9 pairs ...	...	...	...	...	...	88 -
Hollows and Rounds, skew mouth to 14 in. ...	...	...	...	...	...	per pair 4/10
Do. do. do. ...	...	...	...	...	per pair, No. 16, 5 2; No. 18, 5 10	
Half set do. ...	...	...	...	...	...	42/-
Dado, or Carcase Grooving, wood stop ...	...	...	...	...	...	4/6
Do. do. screw stop ...	...	...	...	...	...	6/6
Chamfer Plane, improved ...	...	...	...	...	...	7/6
Cab Ogee to $\frac{3}{8}$ in. ...	...	...	...	...	...	8/6
Match Planes ...	...	...	...	...	...	per pair 5/6
Cabinet Ovaloc Planes ...	...	...	...	...	...	each 2/6
Reed Planes ...	...	...	...	...	one, 3/-; two, 3/6; three	4 6
Grooving for drawer bottom ...	...	...	...	...	...	2/9 and 8/-
Jack Plane handles ...	...	...	...	...	...	each 0 3 and 0 4
Trying Plane handles ...	...	...	...	...	...	0/4 and 0/5
Mitre Templets ...	...	...	...	...	...	each 0/6

PLANES MADE TO ANY DESIGN.

## Bailey's Patent Plane Irons.



### SINGLE IRONS.

Size	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$ inches.
Price	1 -	1 2	1/3	1/6	1 8	1 10	2 each.

### DOUBLE IRONS.

Price	2/-	2/-	2/3	2/6	2/9	3/-	3/3 per pair.
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MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## Plane Irons.

(Sheffield Make, fully warranted.)

Size	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{7}{8}$	2	2 $\frac{1}{8}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	2 $\frac{1}{2}$ in.
C. S. Cut Irons	7/8	7/8	9	9	10	11	10	11 each.
Do. Double do.	1 4	1 5	1 5	1 5	1 6	1 8	1 10	1 11 "
Solid Top, with Screws	6	6	6	6	7	7	7	8 "
Parallel Irons, -/2 $\frac{1}{2}$ each extra.								
Best Cast Steel Bright Plough Irons	...	...	...	...	...	...	...	each 0 7 $\frac{1}{2}$
Do. Bull-nose Plane Irons	...	...	...	...	...	...	...	" 0 8
Do. Rabbet Plane Irons, Square or Saw	...	...	...	...	...	...	...	" 0 6
Do. Hollow and Round Plane Irons	...	...	...	...	...	...	...	" 0/6
Do. Coachmakers' T Plane Irons	...	...	...	...	...	...	...	" 0/8

## Oilstones.



Boxed Washita, Polished Mahogany Case	...	...	each	3 6	4 -	6 -
Arkansas Oilstones	...	...	each	6/-	8 6	11 - 13 -
Washita Oilstones	...	each 2 -	2 3	2 6	2 9	3 0 3 3 3 6 4/-
Slips do.	...	...	each	9	10	1 - 1 2 1 4 1 6
Washita Oilstones, in Oak Cases	...	...	...	each	2 9	4 - 4 6
Charley Forest Oilstones	...	...	each	1/-	1 3	1 6 1 9 2 -
Slips do.	...	...	...	...	each	- 5 -/6
Canada Oilstones	...	each - 6 - 8 - 10	1/-	1 3	1 6	1 9 2 -
Canada Oilstones, in Case	...	...	...	...	each	1/6
German Hones for Razors, in covered Case	...	...	...	...	"	2/6

**NAME STAMPS.**—Best quality, to order;  $\frac{1}{8}$  in. letters, 3 $\frac{1}{2}$ d. per letter; sent carriage paid to any address.

**OIL CANS.** Carpenters', Tin Bottom, 4d. each; Brass Bottom, 5d. each.

### SUNDRIES.

- Oakey's best Glass Paper, 9d. quire; Ditto Emery Cloth, 1/5 quire.
- Best Prize Medal Glue, 7 lbs. for 3/6.
- Improved Rabbetting Ganges, 1/8 each.
- Iron Fronts for 2 $\frac{1}{2}$  in. Smoothes, 1/6 each.
- Marking Awls, 3d.; Striking Knives, 4 $\frac{1}{2}$ d.
- Extra Jaws for American Pattern Braces, 6d. per pair.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools Wood and Metal Workers',

## Improved Iron Plane.

2-inch Cutter, 5/6



Extract from *The Illustrated Carpenter and Builder*, December 19th, 1884.

### SOME BUILDING NOVELTIES.

"The introduction of American manufactures is in no department of industry seen more clearly than in that of the tool trade. Conservative as is the British workman in regard to his tools, there are, nevertheless, many American tools found in his basket. The smart Yankees, with their quick inventive genius, and their shrewd judgment, have forced their cutlery even on a market opposed to their introduction. But, ingenious as they undoubtedly are, we do not think that Americans can claim that solidity and excellence of manufacture which has long been the proud boast of Britain. When once the idea is grasped, the English mind soon improves on the idea brought out, and to it very often adds greater advantages in strength and solidity of appearance. Something of this is the case with the invention before us. Brought out by Messrs R. Melhuish and Sons, of Fetter Lane, whose introduction of American and English novelties in tools have secured them a reputation, this plane that we illustrate appears, at first sight, to be an American invention. The price, too, which, for the size we illustrate, is but 5 6, whereas the usual price of this size and make of plane being from 12 - to 14 -, favours this view. We are assured, however, that the production is from a noted English factory, and the materials and workmanship of sound English quality. The fitting of the blade, and the distribution of the weight of the metal body, are points carefully studied, and the appliance is a most useful tool for joiners, carpenters, and cabinet-makers."

Improved Iron Smoothing Planes, Walnut Fitted	...	...	12/-	each.
Improved Iron Mitre Planes	...	...	16/6	"
Best Malleable Shoulder Planes	...	...	14/-	"
Gun Metal Bull-nose Planes	...	...	7/-	"
Iron Chariot Planes, 1½ in.	...	...	4/8	"
Gun Metal Chariot Planes, 1½ in.	...	...	7/-	"

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.





City Guilds Technical Institute, Health Exhibition, 1884.

### Iron Jack Plane.

14 inches long, 2 $\frac{1}{8}$ -inch Cutter. Price 8/- each.



### Iron Smooth Plane.

Cased in Polished Beechwood. Fitted with Patent Centre-Lift Attachment.

8 $\frac{1}{2}$  in. Long, 2 $\frac{1}{8}$  in. Iron.

The Cutting Irons are the best Sheffield Brands.

Price 9/- each.

Every Carpenter, Cabinet-maker, Car-builder, or other skilled Wood worker, will find it economy to use our Planes, not to be excelled for price and quality.

### American Pattern Iron Smooth Plane.

Fitted with Patent Attachment.



Size, 8 $\frac{1}{2}$  in. long, 2 in. Iron.

Price 5/- each.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## Combined Smooth and Bull-Nose Plane.



Made in Three Sizes.  $7\frac{1}{2}$  in.,  $2\frac{3}{8}$ ;  $5\frac{1}{2}$  in.,  $1\frac{3}{8}$ ;  $3\frac{1}{2}$  in., 9d.

The above cut shows a new and most useful Tool. Smooth Plane and Bull Nose combined; or is made as ordinary Smooth Plane with one mouth. The principal object of this invention is to provide more secure means of holding the Cutting Iron in position, by a Standard passing through a Slot in the Lever and Cutting Iron, as seen by the above. It gives a centre lift and causes the taper end of the Lever to bed more firmly than the ordinary lever on the cutting edge of the iron. It commends itself to all.

## The New American Adjustable Smoothing Plane.

With Extra Wide Iron.

No.  $4\frac{1}{2}$ . Length 10 inches, with  $2\frac{3}{8}$  iron. Price 16/-



No. 3.	Smooth Plane,	8 inches in length,	$1\frac{1}{4}$ -inch Cutter	...	...	12/6
" 4.	Do. do.	9	" "	2	" "	14/-
" 5.	Jack Plane	14	" "	2	" "	16/-
" 6.	Fore "	18	" "	$2\frac{3}{8}$	" "	20/-
" 7.	Iron Trying	22	" "	$2\frac{3}{8}$	" "	28/-

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## Patent Tonguing and Grooving Plane.



The stock of this tool is made of metal, and it has two cutters fastened into the stock by thumbscrews. The guide or fence, when set as shown in the above engraving, allows both of the cutters to act; and the cutters being placed at a suitable distance apart, a perfect Tonguing Plane is made.

The guide or fence, which is hung on a pivot at its centre, may be easily swung round, end for end; thus one of the cutters will be covered, and the guide held in a new position, thereby converting the tool into a Grooving Plane. A groove will be cut to exactly match the tongue which is made by the other adjustment of the tool.

Including Tonguing and Grooving Tools.

No. 48.	Iron Stock and Fence, Matching Boards from $\frac{3}{8}$ to $1\frac{1}{2}$ inch	... 10/6
„ 49.	Do. do. do. $\frac{1}{2}$ „ $\frac{3}{4}$ „	... 10/6

## Patent Adjustable Beading Plane.



This Tool, for ordinary beading or for centre beading, cannot be surpassed. Two steel spurs are inserted in the stock so that they cut the grain of the wood just in advance of the beading tool, ensuring a perfect edge to the bead. By adjustment of the fence, centre beading can be done up to 3 inches from the edge of a board.

No. 50. Iron Stock and Fence, including Bits  $\frac{1}{2}$ ,  $\frac{3}{8}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{16}$ ,  $\frac{7}{16}$ ,  $\frac{1}{2}$  inch, Price 16/6.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## Duplex Rabbet Plane and Fillister.



No. 78. Iron Stock and Fence,  $8\frac{1}{2}$  inches in length,  $1\frac{1}{2}$ -inch Cutter.  
Price 6/6 each.

The valuable features of this Plane can be seen by a glance at the illustration.

Remove the arm to which the fence is secured, and a Handled Rabbet Plane is had, and with two seats for the cutter, so that the Tool can be used as a Bull Nose Rabbet if required.

The construction of the stock is such that the Plane will lie perfectly flat on either side, and can be used with right or left hand equally well while planing into corners or up against perpendicular surfaces.

The arm to which the fence is secured can be screwed into either side of the stock, thus making a superior Right or Left Hand Fillister, with adjustable spur and depth gauge.



New Adjustable Circular Plane.

The above cut shows the New Adjustable Circular Plane. Both ends are adjusted at the same time by means of the screw handle. It can be used for either straight, concave, or convex work down to 18 inches diameter.

It has a screw for adjusting the iron. It is neatly made, strong, and simple in every respect.

$1\frac{1}{2}$  in. Cutter ... 16/6 each.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

**Rabbet Bull**

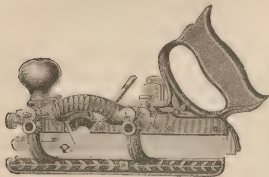


**Nose Plane.**

4 in. Long, 1 in. Cutter, Adjustable Mouth, 2/- each.

Extra Large, Beech, Brass Plated, 3/3 each.

**Adjustable Beading, Rabbet, and Slitting Plane.**



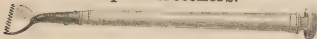
This Plane embraces in a compact and practical form 1, Beading and Centre Beading Plane; 2, Rabbet and F. Hister; 3, Dado; 4, Plough; 5, Matching Plane; and 6, a superior Slitting Plane.

In each of its several forms this Plane will do perfect work, even in the hands of an ordinary mechanic—its simplicity of construction and adaptation of parts (as described in the directions which accompany each Tool) being easily understood.

Each Plane is accompanied by seven Beading Tools,  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ ,  $1\frac{1}{2}$ , and  $2\frac{1}{2}$  inch; nine Plough and Dado Bits,  $\frac{1}{8}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $1\frac{1}{8}$ ,  $\frac{3}{4}$ ,  $1\frac{1}{4}$ ,  $1\frac{3}{4}$ ,  $2\frac{1}{8}$ , and  $2\frac{3}{4}$  inch; a Slitting Tool and a Tonguing Tool.

No. 45.—Iron Stock and Fence, including Beading Tools, Bits, Slitting Tool, &c. Price 84/-

**Carpet Stretchers.**



As illustrated, 1/6

MELHUISH'S, Fetter Lane, Holborn Circus. E.C

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'.

## Miller's Combined Plough, Fillister, and Matching Plane.



This tool embraces, in a most ingenious and successful combination, the common Carpenters' Plough, an adjustable Fillister, and a perfect Matching Plane; the entire assortment can be kept in a smaller space, or made more portable, than an ordinary Carpenters' Plough.

With each Plough eight Bits ( $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$  inch) are furnished; also a Tonguing Tool ( $\frac{1}{4}$  inch), and by the use of the latter, together with a  $\frac{1}{4}$  inch Plough Bit for grooving, a perfect Matching Plane is made.

A metallic Bed-piece, with  $1\frac{1}{2}$  inch Cutter in it, can be attached to the stock of the tool by means of two screws passing through the slots in the base-piece of the stock. Over this Bed-piece the gauge, or fence, will move backward or forward, and when secured to the bars by the thumb-screw, will constitute an adjustable Fillister of any width required by the owner. The upright gauge on the back of the stock is adjusted by a thumb-screw likewise, and regulates the depth for the use of the Fillister, as for all the other tools embraced in the combination.

No. 41.—Complete, with all Combinations, 36/-

## New Improved Iron Spokeshave Tools.

Price 10d. each



No. 1.

The above useful tool is too well known to require comment. Can be had with straight or round handles. Iron,  $2\frac{1}{2}$  inch.

Extra Back Irons, 3d. each. Front Irons, 5d. each.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

## New Improved Iron Spokeshave Tools.

Price 1 - each



No. 2.

This tool ought to be in the possession of every Carpenter, Cabinet Maker, Coach and Wagon Builder, and every artizan skilled in wood, it being used to considerable advantage in the working of round wood.

Iron,  $2\frac{1}{2}$  in. Extra Back Irons, 3d. each. Front Irons, 5d. each.

Price 1/9 each



No. 3.

For making various sized Chamfers the above tool will be found to be efficient, making the Chamfer readily and accurately. The fences can be set from  $\frac{1}{8}$  to  $1\frac{1}{2}$  inch.

Price 2/3 each



No. 4.

This tool is an accompaniment to the Sash Router, and has one Cutting Iron and two pairs of Adjustable Fences, and can thus be employed as a Rabbeting or Moving Fillister Router. The Fences are adjusted for working out the Rabbet on various thicknesses by means of a groove along which they slide, being firmly fastened by a screw. Fences are adjustable from  $\frac{1}{8}$  to  $\frac{3}{4}$  inch.

Price 2/3 each.



No. 5.

This Shave can be easily adjusted by means of thumbscrews attached to the guides, and will Chamfer any desired width up to  $1\frac{1}{2}$  inches. It is round-faced, therefore suitable for Circular Work.

MELHUISH'S Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## The Improved Iron Sash Router, or Shave.

Price 2/6 each



No. 6.

The advantages of this kind over the old style, made in wood, which works only one way, is obvious, seeing that this is available to work either right or left. It has two Cutting Irons, and made in the following sizes, viz.,  $\frac{1}{2}$ ,  $\frac{3}{8}$ ,  $\frac{1}{4}$ , and  $\frac{1}{8}$  in., to work either Lamb tongue or Ovolo Sashes, and can be constructed to work with any Plane-maker's Pattern Mouldings.

## Improved Circular Quirk Router.

Price 3/- each



No. 7.

This Tool will work either circular, straight, or against the grain, making a Quirk of uniform size. The irons, which are capable of being set to any depth, possess two cutting teeth, slightly broader than the cutter in the front of which they work. It has three interchangeable Cutting Irons of various thicknesses, which are easily changed and adjusted by means of a thumb-screw.

## The Improved Circular Bead Router.



No. 8.

$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
8/6	8/6	8/6	4/-	4/-	4/3	4/8	4/6	4/6	4/9	5/-	5/6

This has two Cutting Irons, and is made in twelve sizes, varying in sixteenths from  $\frac{1}{16}$  to  $\frac{1}{2}$  in., and in eighths from  $\frac{3}{8}$  to 1 in., the whole forming a complete set of Beads, at 35/- the set.

1/6 each.



No. 9.

With Double Cutter, Hollow and Straight.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



## Improved Spoke Trimmer.

Price 3 6 each.



This tool is required to trim the ends of carriage spokes, chair rounds, &c., before using the hollow Auger.

## Improved Universal Hollow Auger.



It will cut from  $\frac{3}{4}$  to  $1\frac{1}{2}$  inch. It is warranted to give satisfaction: is very light, and with proper usage will last a lifetime. Any part can be replaced if broken, as it is all made to a gauge.

Price 22/- each.

Extra Cutters, 2/- per pair.

## Tool



## Baskets.

	Nos.	1	2	3	4
Bound Tool Baskets	each	0/10	1/0	1/8	1/6
Do. do. Lined, with Pockets	,,	1/8	1/10	2/-	2/4

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## Patent Adjustable Tool Holder.

We have made a great improvement in the chuck of this handle since our last catalogue was issued. It is now impossible for a tool to pull out. The tools are all of the very best quality.

Hollow handle, with twenty cast steel tools, hard maple handle, with lignum vitae cap, and adjustable steel chuck. Will hold anything from a cambric needle to an 8-inch mill file.

These tools have been much improved since our former catalogue was issued.

Price 4/3.



Hollow Tool Handle, with 10 Tools, Beechwood, 1/6

Ditto ditto ditto Boxwood, 2/-

As illustrated, Adjustable Chuck, with solid handle; will hold small tools for turning 1/10

Hollow Box Handle, fitted with Brace Spring,  
12 bright C. S. Tools ... 8/-

Rosewood Handle, with Brace Spring, fitted  
with well-assorted Tools, in japanned tin  
case, 18 bright Tools ... 21/6

Ditto ditto 24 bright Tools ... 27/6

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## Patent Instantaneous Grip Joiners' Vice.

Price 16/-. Weight 50 lbs. 9-inch Jaws to open 12 inches.

Specially adapted for Cabinet Makers, Carpenters, Pattern Makers, Joiners, Brush Makers, Upholsterers, Wheelwrights, Pianoforte Makers, Coach and Railway Carriage Builders, Machine Makers, Amateurs, and for Wood Working generally.

Any size of work, from  $\frac{1}{4}$  inch to one foot, or *vice versa*, can be fastened instantly, all screwing being done away with. Through this great saving of time, the whole first cost is saved in six months.

## Joiners' Bench Knife Stop.

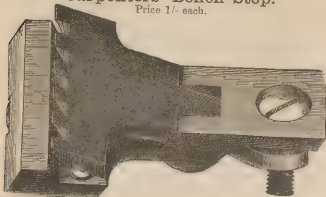
Price 8/- each.



It will securely hold, and can be instantly adapted to, any piece of work, of whatever size.

## Carpenters' Bench Stop.

Price 1/- each.



MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

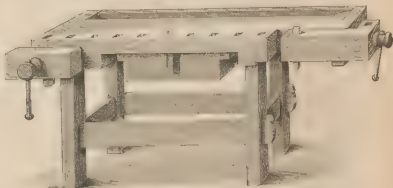
## PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'.

The following extract appears in *Amateur Work* for August, 1882:

Messrs. R. Melhuish and Sons, of 85 and 87, Fetter Lane, E.C., have recently added to their large and varied stock of tools and appliances, some first-class specimens of carpenters' benches, made in Germany. They are, without exception, the best I have ever seen, and they are admirably adapted in every way to meet the requirements of both the professional joiner and the amateur wood worker. The first thing that will strike any one who makes but a mere casual examination of them is their strength, solidity, and immobility. Push them in what direction you will, their stability is such that they will not yield in any direction to the pressure applied, and they may be fairly described as being as firm as a rock, and as strong as a castle. In this they satisfy completely two of the chief requisites of a good bench, for unless a bench is so compact and rigid as to remain immovable under very great pressure, it is comparatively useless. The material of which these benches are made is well-seasoned beech, the frame, the top, the drawer, and every part of them, except the screws, which are cut out of hornbeam, being made out of this solid close-grained wood. The top is movable, and can be taken off the stand at pleasure, which is convenient for transit. In conclusion, it may be said that these benches are cheap, and put the buyer in possession of good value for his money."

### Work Benches.

We herewith illustrate our well known Work Benches, made from solid Beechwood.



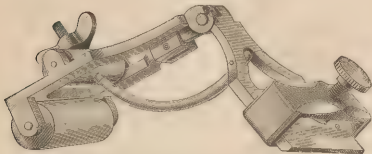
4 feet in length	...	...	...	...	45/- each.
5 " "	...	...	...	...	52/- "
6 " "	...	...	...	...	66/- "
7 " "	...	...	...	...	80/- "

We fit to our extra large sizes the Instantaneous Grip Vice.

**MELHUISH'S, Fetter Lane, Holborn Circus, E.C.**

## Chisel Grinder.

4/6 each.



This is a new invention for holding Chisels, Plane Irons, etc., while grinding them. When put in the holder and brought to the right bevel with the adjusting screw, nothing is left to do but to bear it on the stone and it will grind all right without further care.

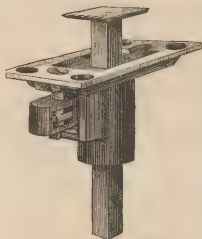
## Patent Bench Hook.

Price 4/- each.



This hook is of the most substantial character, being positive in its action. It fits any thickness of bench, and is fitted in by boring a  $1\frac{1}{2}$  inch hole. The stop is made of forged steel, and can be turned so as to present either of its four faces. The shaft is of wrought iron, and screwed into the stop. All parts are turned in a lathe, and those parts which come to view are polished. It is the most substantial, and most easily fitted bench hook which we have yet seen.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



## Perfect Bench Stop.

Price 2/6 each.

The annexed Cut gives a general view of the Stop, showing it to possess all the advantages that can be required of this mechanical device so much in use. It has no spring. Its action is quick and positive. It is operated by half a turn of the screw. When set for use it is as firm in any position as the bench itself, having no vibration in any direction. It is made in the best manner and of the best materials; the spindle and plate are of wrought steel, and tempered to suit the purposes for

which they are employed. The invention is the result of a necessity, and the tool is warranted in every respect.

## Patent Slide Cramps.



No. 1, 2/- No. 2, 4/- No. 3, 6/- each.

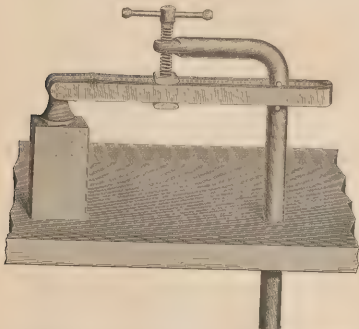
Best Flat Thread Thumb and Spindle Cramps, as recently supplied to the Science and Art Department, South Kensington, Cavendish Laboratory, Cambridge, and other Institutions.

	2½	3	3½	4	4½	5	6	7	8	inches.
	1/6	1/9	2/0	2/6	2/9	3/0	3/6	4/8	5/8	each.
Plain Japanned Cramps ...	...	...	...	...	...	...	-/8½	-/5	-/7	1/0 1/6 2/0 each.
Wrought Bright Iron Cramps	...	...	...	...	...	...	...	-/9	1/8 2/0 2/6	„

MELHUISH'S, Fetter Lane, Holborn Circus. E.C.

## Improved Bench Clamp.

Price 9/- each.



This clamp is for holding work on a bench for carving, sawing, planing, or any other purpose when the work needs to be held very firmly. No fitting is needed except to bore an  $1\frac{1}{4}$  inch hole through the bench. When the shaft of the clamp is inserted it will drop down through the bench until the adjustable foot rests on the object to be held, and then a slight turning of the screw binds it with great pressure. This tool is made altogether of iron and steel, and weighs eleven pounds. The bent shaft is  $1\frac{1}{4}$  inch round steel, two feet in length. The arm is sixteen inches long, and is adjustable between eight and sixteen inches. The clamp can be swung around in any direction or removed at pleasure, as it is not fastened to the bench in any way except by the friction which is created when the screw is turned. The more the screw is turned the harder the shaft binds in the bench. The pressure foot is pivoted so as to conform itself to anything which may be placed under it. This is a very necessary and convenient tool for Carpenters and all workers in wood and iron.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools Wood and Metal Workers.

## Hand Screws.



Length of Jaws ...	8	9	10	12	14	16	18	20 inches.
Price ...	8	9	10	10	13	16	19	20 each.

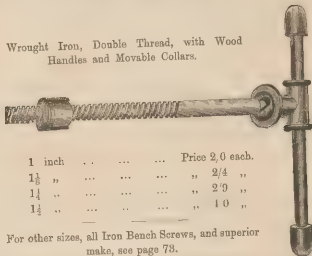
## Bench



## Screws.

Price, 2 inch screw, 1 6; 2½ inch screw, 1 8.								
Double Bench Chops and Screws, sizes ..	1½	1¾	2	2½	2¾	3	3½	4 inches.
Prices complete ...	...	...	...	3/3	4/0	4/9	5/3	6/0 each.
Wood Bench Screw Handles, 8d. each.								

Wrought Iron, Double Thread, with Wood  
Handles and Movable Collars.



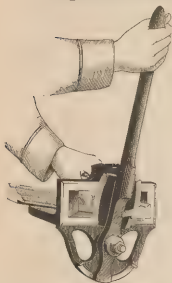
1 inch	...	...	...	Price 2/0 each.
1½ "	...	...	...	" 2/4 "
1¾ "	...	...	...	" 2/9 "
2 "	...	...	...	" 4/0 "

For other sizes, all Iron Bench Screws, and superior  
make, see page 79.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



## Improved Mitre Cutting Machine.



No. 1. Weight, 14 lbs.

To cut 2-inch Mouldings.

Price 12 6.

Extra Cutter	...	...	...	2/3
Packing Case	...	...	...	-/6

No. 2.

To cut 4-inch Mouldings.

Price 23/-

Extra Cutter	...	...	...	4/-
Packing Case	...	...	...	-/9

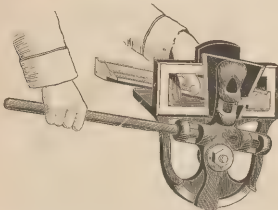
This machine supplies Joiners, Picture-frame Makers, and Amateurs, with a tool which, for general utility, handiness, accuracy, and expedition, cannot be excelled. It cuts a clean mitre joint with unfailing accuracy, dispensing with the use of the plane, and also the usual mitre-cutting and shooting-board.

It will cut ordinary gilt mouldings without injury to the gilt surface or composition.

No. 2.

Weight

34 lbs.



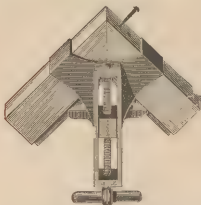
Price

23/-

Each Machine is carefully adjusted and tested.

MELHUISE'S, Fetter Lane, Holborn Circus, E C.

**PRIZE MEDAL for Excellence of Tools Wood and Metal Workers',**



## Improved Corner Cramps.

No.	1.	2.	3.
Will take	1½	3	4 in. mouldings
List Prices	1/8	2/3	4/6 per pair.

The Improved Corner Cramp is intended for gripping securely two sides of a Picture Frame during the process of nailing together.

The ends of the pieces of moulding to form the frame having first been cut to an accurate angle of 45° in the Mitre Cutting Machine, are then inserted between the fixed jaws of the Corner Cramp, care being taken to place the mitred edges in close contact, and that they do not shift while the pressure plate is being screwed down against them. They are thus firmly held while the ends are being securely nailed together.

## Patent Universal Angular Bit Stock.



Price 8/6

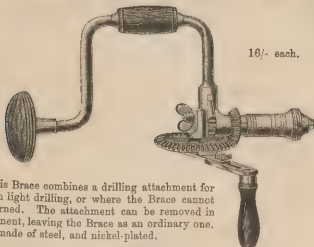
The Universal Angular Bit Stock is presented to the public as a time economizer, to be used in connection with a brace and bit for boring holes in places where the brace and bit alone could not be used. As will be seen it can be placed in the many angles or positions between the upper and lower braces (represented in the above figure). The ability to vary the

**MELHUISE'S, Fetter Lane, Holborn Circus, E.C.**

angles, either at the commencement or during the operation of boring a hole, is an important feature.

Gasfitters, Plumbers, Bellhangers, Carpenters, and others will find this an indispensable tool. It allows them to bore holes in a corner, alongside a wall, between beams, shelves, etc., in any angle or position, with the same ease and dispatch as with an ordinary brace and bit. It has an advantage which no wrench or other stock has, viz.: durability and universal application to all places and positions. The handle to be used in places where there is not sufficient room for the brace.

### Combination ordinary Bit Brace, Drilling Machine, and Ratchet Brace.



This Brace combines a drilling attachment for use in light drilling, or where the Brace cannot be turned. The attachment can be removed in a moment, leaving the Brace as an ordinary one. It is made of steel, and nickel-plated.

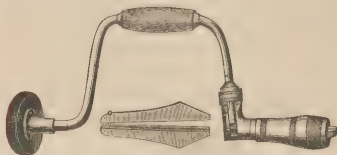


This Cheap Brace and 6 Assorted Bits	...	...	...	...	2/4
Ditto ditto 12 ditto	...	...	...	...	3/6
Ditto ditto 18 ditto	...	...	...	...	4/6
American Pattern Adjustable Chuck, 24 Bits...	...	...	...	...	8/6

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools Wood and Metal Workers',

## Ratchet Brace.



The special advantage of these Braces consists in the Chuck for holding shanks of bits, etc. It will hold a variety of shapes and sizes, and holds them true without fitting.

				Size	8	10 inch.
No.	1.	Whitewood Mounts	...	Price	2/10	3/8 each.
..	2.	Blackwood do.	...	..	3/3	3/9 ..
..	3.	Best Hardwood Mounts	...	..	5/3	5/9 ..
..	4.	Whitewood, with Ratchet	...	..	5/3	5/9 ..
..	5.	Best Hardwood, do.	...	..	7/3	7/6 ..
..	6.	Do. do. Nickel-plated	...	..	8/6	9/6 ..

The engraving shews Ratchet Brace.

Lignum Head Best Plain Brace	...	...	7/6	9/-	10 6	..
Do. Improved Scotch Iron Braces	...	...	...	8/-	10 6	..
Malleable do. do.	...	...	...	4/6	6	..
Strong Bright Iron Brace.	...	4/-	3/6	3/-	2/6	1/6 - 10 ..



Iron Brace with Spring, with 24 Cast Steel Black Bits fitted to ditto.  
only 11/6 each.

*Best quality warranted. A large assortment always in stock.*

**MELHUISS' Fetter Lane, Holborn Circus. E.C.**



"PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'.

## Patent Auger Handle.



Price 8/6 each.

So far as we are aware this is the only Auger Handle in the Market which will centre perfectly and hold Auger Shanks of all shapes and sizes. Only one handle is needed, as its range is from the largest to the smallest size Auger in use. A steel band 8 inches long and  $\frac{3}{16}$  thick is made to fit the handle. This band is cut lengthwise into two equal sections, which are operated by the two steel screws with thumb nuts, as seen in the Cut. These sections can be opened wide enough to let the Auger shank pass in without removing the nut on the end. This Handle is very neat and substantial, and will be much in demand wherever introduced.

## Wood-Boring Tools.



Patent Screw Augers, bright	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$ inch.	
barrel eye ...	2	2 1	2 2	2 3	2 6	2 9	3 6	1/8 each.	
Do. do. (Tanged) ...	1/6	1/7	1/8	1/11	2/-	2/4	3/8	3/9	"
Best Shell Augers do. ...	-/8	-/8 $\frac{1}{2}$	-/10	1/-	1/2	1/4	1/9	2/-	"
Do. Black Screw do. ...	-/10	1/-	1/1	1/4	1/6	1/8	2/-	2/9	"
Do. do. Eyed Augers ...	1/3	1/4	1/6	1/9	1/11	2/2	2/9	3/6	"

## Bit Gauge.



1/6 each.

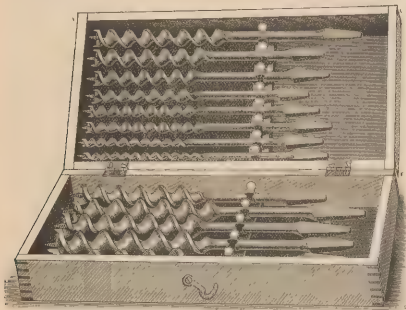
This Cut shows the Gauge in all of its parts. It will be seen that one bolt with thumb-screw tightens the clamps on the gauge spindle and auger bit at the same time. It will fit any size bit, and exactly gauge the depth of hole to be bored.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

City Guilds Technical Institute, Health Exhibition, 1884.

## Extra Quality Auger Bits.

All our Auger Bits are made of Solid Cast Steel and Warranted.  
This illustration represents our Auger Bits as put up in Fancy Boxes with rack to hold one Auger Bit of each size. This is a great convenience to mechanics, as the Bits can be put away immediately after use; each Bit fitting into its own place.



No. 3. C. E. Jennings & Co.'s Double Spur Auger Bits, packed in Fancy Boxes, each Box containing a full set of 13 Auger Bits,—one each of the following sizes:  $\frac{1}{8}$ ,  $\frac{1}{4}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$ ,  $\frac{7}{8}$ ,  $1$ ,  $1\frac{1}{8}$ ,  $1\frac{1}{4}$ ,  $1\frac{1}{2}$ ,  $1\frac{3}{4}$ ,  $2$  in.  
Price per full set as above, 24/-

No. 2.—Sets are put up in the same style as our No. 3, and contains the same sizes of Auger Bits of the Patent Solid Head Pattern.

Price 25/-

No. 1.—Our No. 1 sets are the Extension Lip Pattern.

Price 27/-

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools -Wood and Metal Workers'.

## Best Bright Screw Auger Bits.

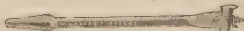
Gedge's and Douglas' Patterns :—

$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$
1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	3

Jennings' Pattern :—

1	5	1	6	1	6	1	7	1	8	1	9	1	10	2	2	2	2	4	2	7	2	10	3	1	3	4	3	8	4	4
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## Clark's Patent Expansive Bit.



With two Cutters, boring from  $\frac{1}{8}$  in. to  $1\frac{1}{2}$  in. ... price 7/6 each.  
Do. do. do.  $\frac{7}{8}$  in. to 3 in. ... " 10/6 "

The above two Bits entirely dispense with a set of Bits, and accomplish more work, enabling the operator to bore from half an inch to 3 inches with ease. They are graduated to  $\frac{1}{16}$  of an inch, and nickel-plated.

### EXTRA CUTTERS.

No. 1.— $\frac{1}{8}$  in. to  $\frac{7}{8}$  in. ... 1/4 each. | No. 3.— $\frac{7}{8}$  in. to  $1\frac{1}{2}$  in. ... 2/4 each.  
No. 2.— $\frac{7}{8}$  in. to  $1\frac{1}{2}$  in. ... 1/9 " | No. 4.— $1\frac{1}{2}$  in. to 3 in. ... 2/9 "

## Improved Set of 12 Bradawls.



Price 1/2.

Extract from the *Carpenter and Builder*, February 16th, 1884.

"The annexed engraving shows a new combination bradawl, which contains no less than twelve different sizes of awls. Each bradawl, whether large or small, has a solid iron shank, which fits into the iron heading to the handle, the end of the shank appearing through the hole in the iron, as shown in the illustration given above. The bradawls fit tightly into the iron, and are well kept in place by the resistance offered by the wood into which the blade is thrust. If the shank sticks too tightly into the socket so that it cannot be pulled out with the fingers, it can be withdrawn by placing another awl into the hole, and using it as a lever. We therefore have twelve tools in the space that is usually occupied by one. The price of the set complete is one shilling and twopence. Messrs. Melhuish and Sons, of 87, Fetter Lane, by whom they are introduced to the London market, desire us to state that they forward all goods post free above five shillings in value. The same firm have just introduced a superior make bradawl, well handled, made in various kinds of hard wood, such as rosewood, ebony, and boxwood, and made in an improved pattern, which they are enabled to sell at three shillings per dozen."

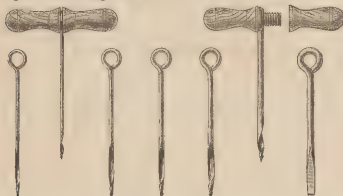
MELHUSH'S, Fetter Lane, Holborn Circus, E.C.



City Guilds Technical Institute. Health Exhibition, 1884.



Best Shell Gimlets, assorted sizes ...	...	...	...	1/9 per dozen.
" Twist "	...	...	...	3/6 "
" " second quality...	...	...	...	2/6 "
Auger Gimlets, Brewers' Gimlets, Oval Bradawls, best quality.				
Round Handled Awls, best quality ...	...	...	...	1/2 per dozen.
Special Improved Handled do. ...	...	...	...	2/-, 3/6 "
Strong London Flooring Awls, Handled ...	...	...	...	2/9 "



The above are a new Set of Tools we have just introduced, made of best Steel. Price 1/6

Bell Gimlets, ... 18 in. 1/-; 24 in. 1/1; 30 in. 1/2; 36 in. 1/4 each.  
Do. Superior Bright Twist Bits ... 18 in. 2/-; 30 in. 2/8 "

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## Spirit Levels.

Fully Warranted.



			6	8	10 inches.
Wood, Brass plated ... ..	...	...	-/10½	1/2	1/6 each.
Do. do. large ... ..	...	...	—	1/9	2/2 "
Do. do. and tipped ... ..	...	...	—	2/9	3/8 "
Ebony, Ornamental Brass plated and tipped ..	...	...	2/6	3/3	1/1 "
Rosewood, narrow plated and tipped...	...	...	1/9	2/2	3/- "
			6	8	10 12 inches.
Heavy Ebony ... ..	...	...	2/6	3/-	3/6 4/3 each.
Do. do. heavily plated top and bottom...	...	...	4/-	4/6	5/- 5/6 "
Plumb and Level, Brass plated ... ..	...	...	—	—	3/9 4/9 "
Mason's Boxwood Rule and Plumb Level ... ..	...	...	...	...	3/8 "
Best proved Spirit Level Tubes, all sizes ... ..	...	...	...	...	-/1 per inch.
Iron Level to fit on Rule ... ..	...	...	...	...	-/10½ each.
Brass Pocket Level, in Morocco case...	...	...	...	...	1/8 "

## Brass Adjusting Level,

With Revolving Tube Protector, in neat Case.

	6	7	8	9	10	12	14 inches.
No. 25 ...	3/-	3/6	4/-	4/6	5/-	7/6	9/- each.

## Square Brass Level.

	6	7	8	9	10	12	14 inches.
No. 26 ...	1/8	2/-	2/3	2/9	3/8	4/-	6/- each.

## Square Brass Level,

Raised Top and Field Sight.

	6	7	8	9	10	12	14 inches.
No. 27 ...	4/-	5/-	6/-	6/6	7/-	8/-	10/8 each.

## Iron Level,

With Brass Top.

			8	9	10	12 inches.
No. 28 ...	...	...	1/6	2/-	2/6	3/3 each.

Our Measuring Tapes are all of standard accuracy, having supplied them extensively to our Government Ordnance Department.

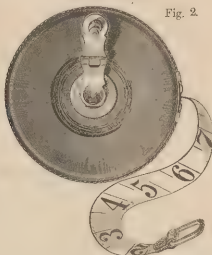
MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## Measuring Tapes.

Fig. 1.



Fig. 2.



Spring Measuring Tapes, with Linen or Flexible Steel Tapes.

One Yard Spring Linen Tape, German Silver Case, 1/-.

Spring Linen Tapes, Brass Case with Stop, 3 ft., 2 - ; 6 ft., 2 6.

„ Steel Tapes, Flexible, 8 ft., 3/6 ; 6 ft., 4/6.

„ „ cheap German Silver Case, centre stop, 2/6, 3/6 each.

Cheap Linen Tapes, 33 ft. ... .. From 1/9

Besides the ordinary linen tape, there is the "METALLIC WIRED Tape," which is a linen tape with eight metal wires interwoven and coated with a special paint, and printed by machinery, which secures great accuracy.

The metallic wires strengthen the tape and prevent any alterations in the length.

	33 ft.	40 ft.	50 ft.	66 ft.	100 ft.
Best Linen ...	4/6	5/-	5/6	6/6	8/6 each.
Metallic ...	5/9	6/3	7/-	8/-	11/6 „
„ Flush handle	6/6	7/-	8/-	9/-	12/6 „
Steel ... „	13/6	16/-	19/6	23/6	32/6 „

\* \* Special Quotations for Quantities.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

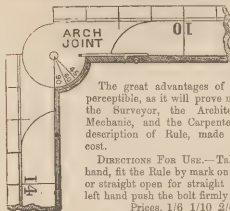
PRIZE MEDAL for Excellence of Tools --Wood and Metal Workers',

## Ivory and Boxwood Rules

Of every description, with Patent Bolted Joint.



It may be bolted STRAIGHT OPEN, making a firm straight Ruler for ruling.



Also it may be bolted at an  
ANGLE OF 90°,  
thus being suitable for a  
square.

The great advantages of this Patent will at once be perceptible, as it will prove most useful to the Gentleman, the Surveyor, the Architect, the Draughtsman, the Mechanic, and the Carpenter, being applicable to every description of Rule, made at a very slight additional cost.

DIRECTIONS FOR USE.—Take one leg of the Rule in each hand, fit the Rule by mark on the joint to the angle required or straight open for straight edge, and with thumb of the left hand push the bolt firmly in.

Prices, 1/6 1/10 2/4 2/6 2/8 3/- each.



2 feet 4-fold Boxwood Rules, -/6, -/8, -/10 each.

Ditto Arch Joint, 1/-, 1/4, 1/8, 1/10, 2/-.

Ditto ditto and brass bound edges, 2/6, 3/6, 4/-, 5/-.

Ditto with Level and Degrees on Joint, 5/-.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

City Guilds Technical Institute, Health Exhibition, 1884.

2 feet 4-fold Architects' Boxwood Rules, bevelled inside, with 8 Scales,					
Brass Joints ...	...	...	...	...	2/-
Ditto ditto ...	...	...	...	...	
Joint, German Silver Mounts ...	...	...	...	...	6/-
Ditto Rontledge's Engineers' Rule, with Brass Slide...	...	...	...	...	4 -
Ditto Ivory, with German Silver Mounts, 8 Scales, 1 in. wide	...	...	...	...	16 -
Ditto ditto 16 Scales and Angles, 1½ in. wide...	...	...	...	...	20 -
1 foot 4-fold Boxwood Rules, -/7 and 1/-.					
Ditto ditto with Calliper Gauge ...	...	...	...	...	2/9
Ditto ditto Plated Joints ...	...	...	...	...	4/8
1 foot Ivory Rules, from 8/- to 6/9.					



2 feet 2-fold Boxwood, each ...	...	...	...	...	-/6, -/8, and -/10½
Ditto Arch Joint, bevelled edge, each ...	...	...	...	...	1, 1/2, 1/5, 5/-
Ditto Slide Rules, each ...	...	...	...	...	1/10, 2/2, 2/6, 3/6
2 feet 2-fold Boxwood Rule, with Spirit Level, Arch Joint, Brass Slide,					
and Degrees on Joint ...	...	...	...	...	5/-
2 feet 2-fold Flexible Brass Rule, Round Joint ...	...	...	...	...	-/9 and 1 -
Ditto ditto Grecian Joint ...	...	...	...	...	1 9
Ditto Etched Steel Rules for Smiths, &c., ...	...	...	...	...	1 -, 1 3, 1 6
The Carpenters' Slide Rule, from 2 6, with Scales, etc., for calculation, etc., etc.					
Books of Instructions ...	...	...	...	...	-/8
Rontledge's Engineers' Slide Rule and Book ..	...	...	...	...	4/6
Contraction Rules for Iron and Brass...	...	...	...	...	4/8
Iron Squares, Rule on each side					18 x 12, 1 6; 24 x 12, 1 9
Glaziers' T Squares ...	18 in. 1 6; 24 in. 1 9; 30 in. 2 -; 36 in. 2 4				
Tailors' Squares, Boxwood	...	21 in., 3 -; 24 in., 3 3; 27 in., 3 6			

## Steel Straight Edges.

Bright Hardened Steel Straight Edge, one edge bevelled, and hole at end for hanging up:

1½ inch wide x 14 W.G. thick, 12 in., 2 -; 18 in., 3 -; 24 in., 4 - each.	
1¼ inch wide x 13 W.G. thick, 30 in., 5 6; 36 in., 6 9; 42 in., 8 -	
2 inches wide x 12 W.G. thick, 48 in., 10 -; 54 in., 11 3; 60 in., 12 6 ea.	

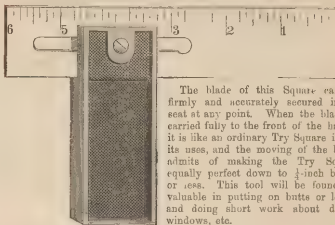
MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'.



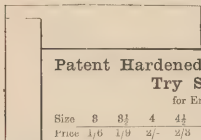
Improved Ebony Sliding Bevels... 8 in., 2/-; 10 in., 3/-; 12 in., 4/6 each.  
Best Plated Ebony Mitre Squares 9 in., 8/6; 10½ in., 4/-; 12 in., 4/9 "

### Patent Adjustable Try Square.



The blade of this Square can be firmly and accurately secured in its seat at any point. When the blade is carried fully to the front of the handle it is like an ordinary Try Square in all its uses, and the moving of the blade admits of making the Try Square equally perfect down to ¼-inch blade, or less. This tool will be found invaluable in putting on butts or locks, and doing short work about doors, windows, etc.

Iron Handle graduated Steel Blade, 4 in., 1/9 each; 6 in., 2/- each.



### Patent Hardened Bright Cast-Steel Try Squares

for Engineers.

Size	8	8½	4	4½	5	6	7	8	9	10 inch.
Price	1/6	1/9	2/-	2/3	2/6	3/-	5/-	5/9	6/9	7/8 each.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

Registered Combined

# Try and Mitre Squares.

With Iron Stocks, Blued Blades.

Sizes	4½	6	7½	9	10½	12 inches.
Price	1/-	1/3	1/5	1/8	2/-	2/6 each.

These Squares will be found to be good useful Tools at extremely low prices. As the Stocks are made entirely of Iron, they are not liable to shrink like the ordinary Wooden Stock Squares, and consequently will bear exposure to any atmosphere, and they are not any heavier than ordinary Squares.

## Joiners' Squares.

	3	4½	6	9	12 inch.
Best Rosewood Plated Squares ...	1 1	1 6	1 8	2 4	3 3 each.
Best Ebony do ...	1 6	1 8	1 10	2 8	3 6 "
Best Ebony Combination Square and Mitre	2 -	2 4	3 3	4 -	"

## Marking Gauges.

Best Beechwood Marking Gauges ...	6 and 8 each.
Ditto, ditto, Plated ditto ...	1/- and 1/8 "
Ditto, ditto, head faced with Brass, ditto ...	1/9 "

## Cutting Gauges.

Best Beechwood Cutting Gauges ...	- 9 and 1 - "
Ditto, ditto, Plated ditto ...	1 3 and 1 6 "
Ditto, ditto, Brass-headed and head faced ditto ...	2 3 and 3 "
Ditto, Plain Rosewood, new cutting ...	8/- "
Ditto, ditto, Ebony ditto ...	3/6 "

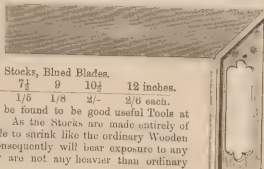
## Mortise Gauges.

Best Slip Stem Mortise Gauges ...	1 6 and 1 9 "
Ditto, Brass Slide ditto ...	2 3 and 2 9 "
Ditto, ditto, Plated ditto ...	3 - and 3 6 "
Ditto, ditto, head faced ditto ...	4 and 4 6 "
Ditto, Improved Rosewood and Ebony Mortise Gauges, with Brass-headed Turnscrow and Thumbscrews, etc., from 5/- to 7/6.	

## Drawing Knives.

	Size	8	9	10	11	12 inch.
Carpenters' ...	Price	1 8	1 9	1 10	2 -	2 2 each.
Best London ...	"	2, 4	2, 6	2, 8	2, 10	3/- "
Best Small ...	"	1/6	1/8	1/10	2/-	"
Ditto Box Handles ...	"	1/9	2/-	2/2	2/4	"

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.



PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## Patent Spokeshave.



Price 3/3 each.

The circular shape of this tool enables it to work in smaller circles than other shaves.

The angle of the knife is such that it cuts instead of scraping the grain of the wood. Either handle can be removed to work in cramped places.

		1½	2	2½	3	3½ inches.
Best Beech Spokeshaves	...	1/9	1/10	1/11	1/12	1/14 each.
Do. Brass-plated Spokeshaves	...	1/1	1/1	1/2	1/4	1/6 "
Wheeler's or Coachmakers' Strong Beech	...	—	1/6	1/9	2/-	— "
Best Boxwood Spokeshaves	...	1/1	1/2	1/4	1/6	1/9 "
Cast Steel Spokeshave Irons	...	1/4	1/4½	1/5	1/5½	1/6 "



With Registered Screw Adjustment.

These Spokeshaves are made so that the Cutter is regulated by means of a screw at each end, instead of having to use a hammer to drive the tangs in the ordinary way. By means of these Screws, the Cutter can be adjusted to the greatest nicety, and very quickly, by using a small screwdriver, and as the heads of the screws are countersunk, there are no projections.

The great cost of the old fashioned screw tang Spokeshaves has always prevented a large sale, and as these can be produced at a price very little in excess of the ordinary plain tanged Spokeshaves, with all the advantages of the screw tang, we expect to have a large sale for them.

			All Sizes up to...	2½	3	3½	4 inches.
Beechwood	...	...	...	1/2	1/4	1/6	1/9 each.
Do. Plated	...	...	...	1/4	1/6	1/9	2/- "
Boxwood	...	...	...	1/6	1/8	2/-	2/3 "
Do. Plated	...	...	...	1/8	2/-	2/2	2/6 "

## Automatic Screwdriver.



Price 4/6 each.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



## Cabinet Screwdriver.



Size	3	4	5	6	7	8	9	10	11	12	14 inches.
Price	-/10	1/-	1/1	1/3	1/6	1/9	2/-	2/4	2/8	3/-	3/9 each.
	-/6	-/7	-/9	-/10	1/-	1/2	1/6	1/8	2/-	2/8	"

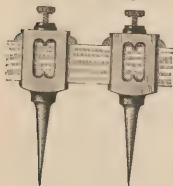
Strong Brass Ferrules, Flat.

## Spindled Turnscrews.



Price -/6 to 1/9 each.

Superior Screwdrivers, Hollow	3	4	5	6	7	8	10	12 inches.
Ground Blades ...	1 -	1 2	1 4	1 7	2 -	2 3	2 9	3 6 each.
Gents' Turnscrews, Rosewood Handles, - 3 1/2 - 4 1/2 - 5 - 6 - 7 and - 8 "								
New Pattern Turnscrews, as supplied recently								
to Electric Light Companies ...								from -/4 to 2 6 "



## Malleable Iron Trammel Heads.

Japanned, with Bright Fronts, and fitted with Cast Steel Points.

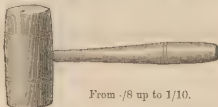
Price 1/6 per pair.

We have special facilities for the execution of Contracts for Governments or Public Institutions, and to execute General Commissions for Foreign Correspondents, with the greatest care and reliableness, our knowledge of the best English and Foreign Markets enabling us to address ourselves to Shippers and Agents in the various Branches of our Business with confidence.

MELHUISH'S, Fetter Lane, Holborn Circus E.C.

PRIZE MEDAL for Excellence of Tools — Wood and Metal Workers'.

## Tinmen's Boxwood Mallets.



From  $\frac{1}{8}$  up to  $\frac{1}{10}$ .

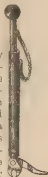
## Round Iron Ring Mallets.

Mortised, 6 in. long, 4 in. diameter	...	...	...	...	2/6 each.	
Ditto 5½ in. " 8½ in. "	...	...	...	...	2/- "	
Best Mortised Joiners' Square	5	5½	6	6½	7	8 inch.
	1/6	1/6	1/8	1/10	2/-	2/6 each.
		Nos. 1	2	3	4	
Improved Iron-bound Joiners'	...	1/6	1/9	2/-	2/6 each.	
Improved Brass-bound ditto	...	2/-	3/-	4/-	5/- each.	

## Victor Nail Pullers.



This tool should be used by everyone, both in the warehouse and at home, because a box can be opened in one-quarter the time, and with one-tenth the labour required by the old method with a chisel and hammer, the nails are drawn out without breaking or bending them, and the box and lid remain sound for future use. Many thousands have been sold, and give the greatest satisfaction. It is a pleasure to use it.



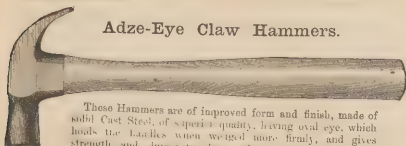
Large Size, 8/6 each; Small ditto, 6/- each.

With Claw-Hammer Head Rammers, 1 each extra.

Handles — Jack Plane, - 3; Try Plane, - 5; Hand Saw, - 5; Turnscrew from  $\frac{1}{8}$  to  $\frac{1}{8}$  each; Adze Helves, 1 -; Bow Saw Handles, Beech, 1 3; Box, 1/6; Ebony, 1/9 per pair.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

## Adze-Eye Claw Hammers.



These Hammers are of improved form and finish, made of solid Cast Steel, of superior quality, having oval eye, which holds the handles when wedged more firmly, and gives strength and durability, being the most perfect kind of Hammer with claw, and are all warranted.

Nos.	...	...	1	2	3	4
Weight	...	...	7½ ozs.	18 ozs.	1 lb.	1 lb. 4 ozs.
Prices	...	...	2/3	2/9	3/-	3/6 each.



### Exeter or London Pattern.

Size	00	0	1	2	3	4	5	6	7	8	10	12 inches.
Price	—	-/8	-/10	1/-	1/2	1/4	1/6	1/8	1/10	2/-	2/6	3/8 each.

### Bright Kent, or Claw Hammers.

„	-/10	1/-	1/2	1/4	1/6	1/9	2/-	2/3	2/6	—	—	—
---	------	-----	-----	-----	-----	-----	-----	-----	-----	---	---	---

Claw Hammers, Iron Handle, Steel End...	...	1	10	2	2	2	6	2	9	each.
Masons' Club Hammer Heads, all Steel...	...	2	6	3	-	3	6	4	-	„
Sledge Hammers, all Steel	...	6/-	7/6	8/6	9/6	„				
Best Canterbury Claw Hammers...	...	1/-	1/3	1/6	1/9	2	-	2	6	„
Upholsterers' Hammers	...	1/6	1/9	2/0	2/8	2/6	„			
Do. do. Cabriolat	...	...	...	2/8	2/6	„				
Plumbers' do. Handled	...	1	3	1	6	1	9	2	0	„
Trimmers' Hammer Heads	...	...	...	2/8	3/0	„				
Coat Hammers, Handled	...	...	...	-/6	-/9	1/-	„			
Small Tack Hammers	...	...	...	-/6	-/7	„				
Lath Hammers	...	1/3	1/4	1/6	1/8	„				
Bricklayers' Hammers, Handled	...	...	...	2/-	„					

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

Hammond's Cast Steel Adze-Eye Hammers.

No. 1.	Adze-Eye Nail Hammers,	7½ ozs.	...	2/-	each.
" 2.	Ditto	ditto	18 "	...	2/6 "



No. 3.	Adze-Eye Nail Hammers, 1 lb.	...	8/- each.
" 4.	Ditto do. 1 lb. 4 ozs.	4/-	"
" 1.	Ditto Farriers' Hammers, 9½ ozs.	8/3	"

No. 1. Adze-Eye Bell-Face Hammers, 7 ozs., 2 - each.  
 " 2. Ditto ditto 12 " 2/6 "



No. 3.	Adze-Eye Bell-Face Hammers,	1 lb.	...	8/- ea.
" 4.	Ditto ditto	1 lb. 3 ozs.	4/- "	

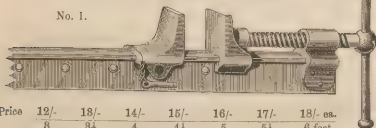
Best Hammer Handles	...	...	- $\frac{1}{2}$	$\frac{1}{8}$	- $\frac{3}{8}$	$\frac{1}{4}$	- $\frac{5}{9}$	1/- each.	
" Smiths' ditto	...	...	...	...	...	- $\frac{1}{2}$	long	/6	"
Ash Axe Handles	...	...	...	...	...	- $\frac{1}{6}$	- $\frac{7}{8}$	/8	"
" Pick ditto	...	...	...	...	...	- $\frac{1}{8}$	- $\frac{9}{10}$	/10	"
Long Ash Handles	...4 ft., - $\frac{7}{8}$ ; 4 ft. 6 in., - $\frac{7}{8}$	...	...	...	...	5 ft., $\frac{8}{11}$ ; 6 ft., - $\frac{11}{11}$	...	...	"
Socket Chisel Handles	...	...	...	...	...	- $\frac{1}{2}$	- $\frac{3}{8}$	...	"
Round Ash Chisel Handles, Brass Ferrules, Polished	...	...	...	...	...	...	...	1/-	"
Ash File Handles, Iron and Brass Ferrules	...	...	...	...	...	...	...	1	"
Round Box Chisel Handles, ditto	...	...	...	...	...	...	...	$\frac{1}{2}$	"
Octagon ditto ditto ditto	...	...	...	...	...	...	...	4/-	"
Round Box Gouge ditto ditto	...	...	...	...	...	...	...	2	"
" Gouge Handles, Assorted, Brass Ferrules	...	...	...	...	...	...	...	1 $\frac{1}{2}$	"

Scraper Blades—4 in., -/3; 5 in., -/4; 6 in., -/5 each.

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## Improved Joiners' Cramp.

No. 1.

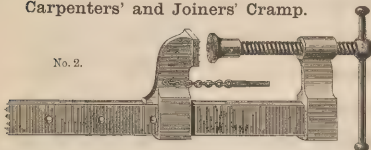


Price	12/-	18/-	14/-	15/-	16/-	17/-	18/- ea.
	8	8½	4	4½	5	5½	6 feet.

Lengthening Bars, 2/6 per foot.

## Carpenters' and Joiners' Cramp.

No. 2.



Price	12/-	18/-	14/-	15/-	16/-	17/-	18/- each.
Length	8	8½	4	4½	5	5½	6 feet.
Weight	18	19½	21	22½	24	26	28 lbs.

## Bright Joiners' Bench Screw.



Price	...	5/-	6/-	8/-	10/-	12/-	14/- each.
Length	...	12	16	18	20	21	22 inch.
Diameter of Screw	...	7/8	1	1½	1½	1¾	1½ "

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## Superior Hollow-Handle Pad, with Bradawls and Tools.

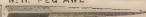
No. 140.—Wholesale price, 15/ per doz. Price 1/9 each



Nº 1 BRAD AWL



Nº 11. PEG AWL



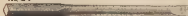
Nº 2.



Nº 12 RIMER



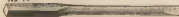
Nº 3.



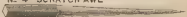
Nº 13. BELT AWL



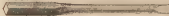
Nº 4.



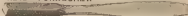
Nº 4 SCRATCH AWL



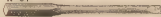
Nº 5.



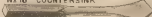
Nº 15. TURNSCREW



Nº 6.



Nº 16. COUNTERSINK



Nº 7.



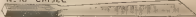
Nº 17. DRILL



Nº 8.



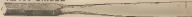
Nº 18 CHISEL



Nº 9.



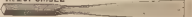
Nº 19. CHISEL



Nº 10.



Nº 20. CHISEL



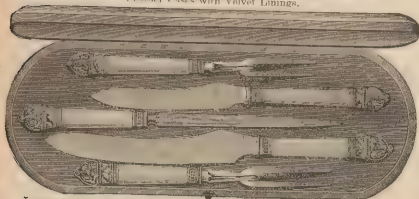
KEY



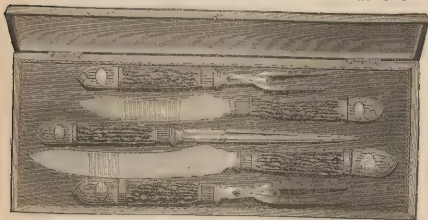
MELHUISS'S, Fetter Lane, Holborn Circus E.C.

## Cutlery

Of high-class manufacture. A full warranty given for best quality and finish.  
The two sets, as illustrated, can be had in Oak Cases, Silk-lined, or in  
Leather Cases with Velvet Linings.



Ivory—1 pair Ivory handled Meat Carvers, with Solid Silver			
“ Caps and Ferrules, all Hall-marked, and 1 Steel for ditto	£3	5	0
Ditto, ditto, 1 pair Meat and 1 pair Game Carvers	£3	16	0
Ditto, ditto, and 1 Steel (as Illustrated)...	£4	9	0



Staghorn 1 pair Stag-handled Meat Carvers, with Solid Silver			
Caps and Ferrules, all Hall-marked, and 1 Steel	£2	4	6
Ditto, ditto, with 4 pieces	£2	17	6
Ditto, ditto, with 5 ditto (as Illustrated)	£3	9	0

**MELHUISE'S**, Fetter Lane, Holborn Circus, E.C.

**PRIZE MEDAL** for Excellence of Tools—Wood and Metal Workers'.

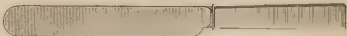
### New Ivoride Table Cutlery.

This is the most perfect substitute for best Ivory, and the large and increasing sale proves that it has given satisfaction in use.

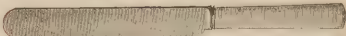
Table, per dozen, 20/-      Dessert, per dozen, 17/-  
Carvers, per pair, 8 in., 6/-; 9 in., 7/-      Steels, each, 8 in., 2/9.

All including Forks.

Ivory Table Knives.



No. 417. Small size, 24" per dozen; Dessert, 20/- per dozen.; Carvers, 8 in., 8" per pair: Steels, 2 8 each.



No. 418. Full size, 30" per dozen; Dessert, 26" per dozen: Carvers, 8 in., 9 6 per pair; Steels, 3" each.

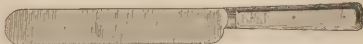


No. 419. Full size, 34/- per dozen; Dessert, 28/- per dozen; Carvers, 8 in., 7/6 per pair; Steels, 3/6 each.

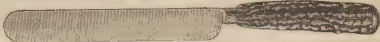
Bone Table Knives.



No. 420.—Tables, 16" per set, Desserts, 14/- per set; Tables, 10 8 per dozen; Desserts, 8" per dozen; Carvers, 8 in., 9/4 per pair.



No. 421.—Scale Tang, Tables, 14 6 per set; Desserts, 12/6 per set; Tables, 8 9 per dozen; Desserts, 7 6 per dozen; Carvers, 8 in., 8/8 per pair.

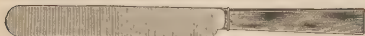


No. 422.—Stag, full size Tables, 14" per set Desserts, 12" per set; Tables, 8 6 per dozen; Dessert, 7 6 per dozen; Carvers, 8 in., 8" per pair.

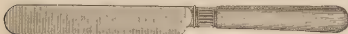
**MELHUISE'S**, Fetter Lane, Holborn Circus, E.C.



City Guilds Technical Institute, Health Exhibition, 1884.



No. 423. Tables, 21 6 per set, Desserts, 18/8 per set; Tables, 14/- per dozen; Desserts, 11 6 per dozen; Carvers, 8/- per pair.



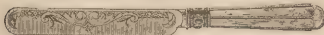
No. 424.—Ivory Plated Desserts, 48 - per set of 12 Knives and Forks.



No. 425. Ivory Plated Desserts, 55, per set of 12 Knives and Forks.



No. 426.—Pearl Plated Desserts, 96/- per set of 12 Knives and Forks.



No. 427. Pearl Plated Desserts, 88 - per set of 12 Knives and Forks.



No. 428.—Plated Handle Plated Desserts, 76 - per set of 12 Knives and Forks.



No. 46.—3 $\frac{3}{8}$  in. Ivory Spring Knife, 2-blade, 18/- per doz.; 1/9 ea.



No. 47.—3 $\frac{1}{2}$  in. Stag Spring Knife, 2-blade, 8/- per doz.; -/10 ea.



No. 48.—3 $\frac{1}{2}$  in. Pearl Spring Knife, 3-blade, 24/- per doz.; 2/6 ea.



No. 49.—3 $\frac{3}{8}$  in. Stag Spring Knife, 3-blade, 44/- per dozen; 4/- each.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'



No. 410.— $3\frac{1}{2}$  in. Ivory Spring Knife, 4-blade, 26/- per doz.; 2/9 ea.



No. 412. — $3\frac{1}{2}$  in. Ivory Spring Knife, 1-blade, 6/- per dozen; 9 each.



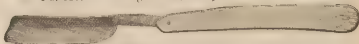
No. 413.  $3\frac{1}{2}$  in. Stag Spring Knife, 2-blade, 12/- per dozen; 1/8 each.



No. 414.  $3\frac{1}{2}$  in. Stag Pruner, 9/- per dozen; 1/- each.



No. 415. 4 in Stag Pruner, 18/- per dozen; 1/10 each.



No. 429. Ivory Razor, 26/- per dozen. 3/- each.



No. 430.—Black Razor, 25/- per dozen. 2/9 each.

Scissors.



No. 431.—5 in., 7/- per dozen;  $5\frac{1}{2}$  in., 8/- per dozen; 7/10 each. 6 in., 8/6 per dozen;  $6\frac{1}{2}$  in., 10/- per doz.; 1/- each. 7 in., 11/6 per dozen; 1/3 each.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

City Guilds Technical Institute, Health Exhibition, 1884.



No. 432. Nickel Bows,  $4\frac{1}{2}$  in., 11 6 per dozen; 1 4 each. 5 in., 14 per dozen; 1 6 each.  $5\frac{1}{2}$  in., 16 6 per dozen; 2 - each. 6 in., 19 - per dozen; 2 4 each.  $6\frac{1}{2}$  in., 21 - per dozen; 2 9 each. 7 in., 24/- per dozen; 3/3 each.



No. 433.—Lamp Scissors,  $5\frac{1}{2}$  in., 9/- per dozen; 1, each. 6 in., 13 - per dozen; 1/6 each. 7 in., 19/- per dozen; 2/3 each.



No. 434.—Nail Scissors, 7/- per dozen; -/10 each.



Corkscrews, Wood and Bone Handles, large assortment, all prices, from -/6 to 3/6.

Soap Joint ditto.

Ditto Button Hooks.

Large assortment of Patent Corkscrews in stock.

Best Steel Key Rings, round, hoop, flat, etc.

Key Chains, strong and common, from -/3.

Flat Steel Key Rings, embossed with any name, 2 -.

Key Labels, Ivory, Brass, and German Silver.

Ice Prickers and Mallets, Sardine and Oyster Knives.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

[PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

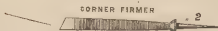
## Drawings of Carving Tools,

Of First Quality, as supplied to numerous Carving Schools and Associations throughout the Country.

### No. 1.—Firmers.

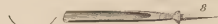
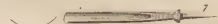
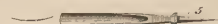
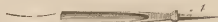
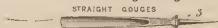


### No. 2.—Corner Firmers.

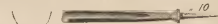


Size ...	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$ inches.
Price ...	-5	-6	-6	-6	-6	-7	-8	-9	-11	1/- each.

### Nos. 3 to 9.—Straight Gouges.



Size ...	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$ inches.
Price ...	-7	-7	-7	-7	-7	-9	-10	-10	1/-	1/2 each.

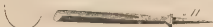


Size ...	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$ inches.
Price ...	-8	-8	-8	-8	-8	-10	1/-	1/2	1/4	1/8 each.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

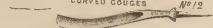
City Guilds Technical Institute, Health Exhibition, 1884.

Handled in Rosewood, -/6 each. Boxwood, - 4 each extra.



Size ...	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$ inches.
Price ...	-/8	-/8	-/8	-/8	-/9	1/	1/2	1 4	1 8	2 0 each.

CURVED GOUGES No 12



Size ...	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$ inches.
Price ...	-/8 $\frac{1}{2}$	-/8 $\frac{1}{2}$	-/8 $\frac{1}{2}$	-/8 $\frac{1}{2}$	-/8 $\frac{1}{2}$	-/9 $\frac{1}{2}$	1, 1	1/3	1 6	1 8 each.



Size ...	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ inches.
Price ...	-/8 $\frac{1}{2}$	-/8 $\frac{1}{2}$	-/8 $\frac{1}{2}$	-/8 $\frac{1}{2}$	-10 $\frac{1}{2}$	1/1	1/3	1/6	1/8	2/-	2/4	2/10 each.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',



RIGHT CORNER - 22



LEFT CORNER - 23

Size	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 inches.
Price	$7\frac{1}{2}$	$7\frac{1}{2}$	$7\frac{1}{2}$	$7\frac{1}{2}$	$7\frac{1}{2}$	$10\frac{1}{2}$	$1/1$	18	16	$1/5$	2	26	8 - each.



FRONT BENT GOUGES No 24



- 25



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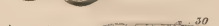
- 27



- 28



- 29



- 30

Size	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ inches.
Price	$6\frac{1}{2}$	$6\frac{1}{2}$	$6\frac{1}{2}$	$6\frac{1}{2}$	$8\frac{1}{2}$	$9\frac{1}{2}$	$1/1$	$1/8$	$1/6$	$1/8$	2/-	$2\frac{1}{4}$ each.



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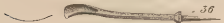
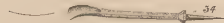
- 32

Size	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ inches.
Price	$8\frac{1}{2}$	$8\frac{1}{2}$	$8\frac{1}{2}$	$8\frac{1}{2}$	$10\frac{1}{2}$	$1/1$	$1/6$	$1/8$	2	$2\frac{1}{4}$	$3/10$ each.

MELHUISS, Fetter Lane, Holborn Circus, E.C.



City Guilds Technical Institute, Health Exhibition, 1884.



Size	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ inches.
Price	$-\frac{1}{8}\frac{1}{2}$	$-\frac{1}{8}\frac{1}{4}$	$-\frac{1}{8}\frac{3}{4}$	$-\frac{1}{8}\frac{1}{2}$	$-\frac{1}{8}\frac{5}{4}$	$-\frac{1}{8}\frac{3}{2}$	$-\frac{1}{8}\frac{7}{4}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	2 -	$2\frac{1}{4}$ each.



Size	$\frac{1}{6}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 inch.	
Price	10½	10¼	10¾	10½	1 -	1 1	1 ¼	1 ⅝	2 1½ each.



Size	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 inch.
Price	1/-	1/-	1/-	1/-	1/1	1/2	1 to 1 2	1 9 $\frac{1}{2}$ 2 2 $\frac{1}{2}$ each.



Sizes and Prices same as 39.



Sizes and Prices same as 40.

MELHUISE'S Fetter Lane, Holborn Circus, E.C.

**PRIZE MEDAL for Excellence of Tools - Wood and Metal Workers'.**



Sizes and Prices same as 40.



Sizes and Prices same as 40.



Sizes and Prices same as 39.



Sizes and Prices same as 40.

Veining Tools, assorted to  $\frac{1}{2}$  in., 8 per doz. Maccaroni Tools to  $\frac{3}{8}$  in., 14 per doz. Bright Carving Chisels and Gouges, 6 per doz. extra.

Sets of Black Carving Tools of	2	3	6	12	18 dozen.
	19/-	28/6	57/-	114/-	171 per set.

Handled in Boxwood, Ebony or Rosewood, -/6 each extra.

Black Carving Chisels, Straight and Skew, Sets of 12 assorted to 1 inch	...	...	...	...	...	6/9 per doz.
Ditto Gouges, Straight A to E Sweep,	ditto					7/9 " "
Ditto ditto F ditto	ditto					9/- " "
Ditto ditto G ditto	ditto					10/8 " "
Tooth Chisels for Stone, or "Ciseaux Gradines," assorted to 1 inch	...	...	...	...	...	8/- " "
Ditto Gouges for Stone, assorted to 1 inch	...	...	...	...	...	10/- " "
Bolt Chisels ditto	...	...	...	...	...	10/- " "
Cast Steel Tools for Carving Marble and Stone, Hollow Heads, assorted Shapes, including Tooth Tools, not exceeding 10 inches long	...	...	...	...	...	15/- " "
Best Spring Cabinet Scrapers, $4\frac{1}{2}$ inch blade	...	...	...	...	...	2/3 each
Common ditto $3\frac{1}{2}$ inch blade	...	...	...	...	...	1/- " "

C. S. Scrapers, Blades only, very superior in quality.

Rifflers, Handrail, and other Files, see pages 186, 187.

Set of Print Cutters' or Amateurs' Carving Tools of	12	24	36	48 pieces.
	7/8	14/6	21/9	29/- each.

Handled in Boxwood, Ebony or Rosewood, 4/-; in Beech 3/- per doz. extra.

Best Mahogany Polished Cases, with sets of	24	36	48 Tools,
Suitable for Presents.	40/6	50/9	98/- each,

**MELHUISS'S, Fetter Lane, Holborn Circus, E.C.**



## Straw Coloured Unshouldered Carving Tools

for Amateurs.

Set assorted of	12	24	36	48	Pieces.
	5/9	11/6	17/3	23/-	each.

Turning Tools for Metal, Ivory, or Wood, 9 6 per doz., assorted.

Screw or Chasing Tools, from 6 to 50 threads per inch, 26 - per dozen.

Burnishers of all kinds.

Engravers' Tools of all kinds.

Modellers' Tools of all kinds for Wax, Terra Cotta, Clay, or Plaster.

Moulders' Tools of all kinds used in casting.



### Improved Spring Oil Cans.

They economise time and oil to a surprising extent, as when the Can is in use, the spout is always full of Oil, ready to flow in a moment if the Air Valve be pressed, yet not a single drop can escape after the Valve is suffered to close.

Prices, with Screw Tops, Strong Chain, and Copper Spout.

Nos.	0	1	2	3	4	5	6	7	8
			$\frac{1}{4}$ -Pint.	$\frac{1}{2}$ -Pint.	$\frac{1}{2}$ -Pint.	1-Pint.	1-Pint.	Quart.	Quart.
	1/4	1/5	1/6	1/8	1/10	2/-	2/3	2/6	2/8 each.



	$\frac{1}{4}$ -Pint.	$\frac{1}{2}$ -Pint.	$\frac{3}{4}$ -Pint.	1-Pint.
Cheaper Quality, with Tin Spouts,	1/-	1 2	1/4	1 6 each.



### Carpenters' Pyramid Oil Can.

With Brass Spring Bottom.

Price ... .. -/6 each.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

## DESCRIPTION OF TOOLS

AND INSTRUCTIONS

### HOW TO USE THEM.

#### WOOD CARVING.

Carving in wood is an elegant and useful art, and is easily learned. Of course, elaborate work is not easily done; but many articles of utility and adornment may be carved by any boy or girl with only ordinary mechanical ability. It would astonish most people to be shown what may be done with these simple tools. For not only may elegant trifles, such as brackets, book-rests, bread-plates, paper knives, picture-frames, etc., be made by the home carver, but chairs, tables, sideboards, bedsteads, and other domestic articles may be ornamented in this way.

That many may excel in doing carved work is shown by the beautiful work done at the schools, South Kensington, and elsewhere. What has been done by these ladies may be done by others. We are glad to see that carving clubs are being formed all over the country, and thereby stimulating hundreds to acquire this elegant and useful art. To aid such as may wish to learn the rudiments of carving, we offer the following lessons:—

The first lesson of the amateur is to learn the use of the three principal tools—the flat chisel, gouge, and veining tool.



Fig. 1.

For this lesson, take a block of white wood, six inches long by two or three broad, and one and a half thick. Secure it firmly to a bench; then, with the flat chisel, carve the bevelled edges and make the mitres perfect. Now take the veining tool, which cuts a V-shaped groove, and carve out the design, as seen in the cut (Fig. 1).

In using this tool, it must be held in the right hand and in a slanting direction. The left hand should be hollowed and placed on the tool, the wrist and tips of the fingers resting upon the work. This steadies the right hand and prevents the tool from slipping forward. Now use the gouge,

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and carve out the circular depression which may be seen in the design. Practice on this lesson until you can carve the design accurately.

A slip of Arkansas stone for sharpening the veining tool and gouges will be necessary as you proceed; also a flat stone, boxed in case, for sharpening the flat cutting chisels.

After you have mastered these tools, so as to use them with ease, you may attend to the direction for carving a wall pocket (Fig. 2).



Fig. 2.

Fig. 4.

The wood to be carved should be black walnut, 12 x 14, and one-half of an inch thick. It must be well seasoned, straight grained, and free from knots.

First, give the outline shape of the design, as seen in the cut (Fig. 2), which may be done with an ordinary fret-saw. Then sketch the pattern upon the wood. A knowledge of drawing will greatly aid the carver, yet in many cases the drawing can be easily made by means of impression paper. Place the wood upon a table or bench, and secure it firmly by means of a clamp or screws. With the parting tool cut the V-shaped groove for the outline of the design.

Having finished the grooving, some of the carving punches (Fig. 3 shows impressions made with five different styles) are next to be used. First use the punch *c* for making the three circular impressions in each corner. Then with punch *b* go over the design as in Fig. 2. The cross-shaped punch *d* can be used to ornament the outer rim. Very handsome ornamental work can be done with only the punch *b*, and for this design it can be used to good effect without the aid of the other punches.

In using the punch, hold it perpendicularly in the left hand, and with a mallet give it a sharp, quick blow. Furniture ornamented in this style looks remarkably well, and the work is easily executed.

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**RELIEF CARVING.**

Our next lesson will be to carve the end of a book-rack with the grape-leaf pattern in relief (Fig. 4). The wood, either walnut, oak, or mahogany, should be half an inch thick and six inches wide; but of course the proportions and sizes may vary to suit the wishes of the carver. Having sketched the design upon the wood, the next thing to be done is to "stab out the work." This is accomplished by holding the chisel No. 2 upright on the line and pressing it downwards to the depth of about one-sixteenth of an inch. It is better not to cut exactly in the line, but keep just outside.



*End of Bread Platter, ornamented with "Relief Carving."*

When the "stabbing" has been done, hold the chisel slantingly, and cut towards the pattern, thereby removing the wood near it, and leaving it quite free. Then with bent and straight gouges clear away the "dead" wood in the intermediate space, leaving the design standing up in relief. You must notice carefully the grain of the wood. If the grain runs downward, turn the wood round and work the reverse way, or sideways. You will readily apprehend that the whole of the branches and leaves which form the pattern should not lie in one dead level. The thickest portion of the stems, leaves, and grapes should be the highest; the rest of the design must be harmoniously lowered. At this stage you must remove all those parts which the design indicates are to lie very low. You must be careful as you go on to "stab out" the outline again and again, so that you may keep accurately to the copy. Next, you must "stab out" the whole design again, and deepen the groundwork until it is about a quarter of an inch lower than the upper surface. You may then carve the leaves, stalks, and grapes, copying nature as far as possible. In doing this, you will have occasion to exercise your own judgment and taste.

**CARVED FRETWORK.**

Another popular style of carving is "carved fretwork." For this lesson we will take a carved paper-knife (Fig. 5).



**Fig. 5.**

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Fig. 6.

Design No. 7 is a carved moulding, in which the leaf and stem are to be left of the original height of the wood, the other parts being cut away; and the veins are cut with the parting tool. It should then be punched with one or the other of the punches. No. 8.



Fig. 7.

We will now endeavour to give some account of the difficulties the accomplished wood carver has to surmount. Like all other artistic pursuits, the art must be practised with method. The experience that has been brought to bear upon it to bring it to its present state of perfection has been handed down from time immemorial. It takes a carver's lifetime to become acquainted with all the trickery adopted by the trade; and to attain a knowledge of all the various styles of ornament is simply impossible during the lifetime of a carver. Men become acquainted with a certain style, become attached to it; the result is comparative perfection, probably, in that style, with a very limited or imperfect knowledge of any other, and so the carver ends his days. Grecian, Composite, Italian, Renaissance, French, Jacobean, Rococo, Gothic, Elizabethan, Queen Anne, and Victorian, comprehend no small field of study. Some men delight in the slow, tedious execution of miniature works; others in the bolder flights of sculptured works—historical, Scriptural, poetical, or otherwise; others in the graceful flow of foliage, animals, birds, etc., combining, probably, portions of the whole range of the wood carver's art. A comparison between this, the highest walk of the artist wood carver, and the lowly efforts of the amateur fretwork carver is not intended to discourage the latter, but simply to remind him what a vast and endless field of variety is spread before him, and that to achieve success at all, correct application and method must be the starting-point.

The tools used by wood carvers consist of square firmer chisels, corner firmers, flat and quick gouges, parting tools, veiners, grounders, bentbacks,

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chaser, picker, and point; nearly all kinds are both straight and crooked. For examples of these and many others, see our separate illustrations and sections of our splendid tools: the number varies from sixteen to twenty dozen. A practical carver's own stock consists of quite the latter number, varying in size from the sixty-fourth part of an inch to  $1\frac{1}{2}$  inch, and not one but is occasionally used, besides a variety of stamps for ground-work, borders, etc. For sharpening the tools, an oil-stone and a quantity of Turkey, Arkansas. Charnley Forest blue stone, and thin slips of slate, to fit the various shapes and sweeps, besides the use of flour of emery and oil for all the very finest tools, and a prepared strop for producing a fine edge. It is rare that an apprentice can properly sharpen his tools at the expiration of his term, and some men never have the patience to put their tools in proper order. Perfectly shaped tools (with the exception of chisels and grounders) should have a slight curve from right to left, and should be rubbed out from the inside, as well as ground from the outside; the latter is done by getting different thicknesses of quick-cutting York sandstone, and sharpening to the curve of the tool before rubbing out, to make thin on the edge and wedge-shaped. The crooked tools must be done on small wheels, on a spindle attached to a lathe, with emery and oil. For soft wood, tools require to be very thin (for clean cutting), and for hard wood *vice versa*. The various forms of delicate tools to be found in a carver's perfect outfit are invaluable, and cannot often get into the hands of amateurs.

As soon as any piece of work is put into the carver's hands, his first question is how to hold and execute it without injury or soiling. The methods are very numerous, but the use of the carver's screw and holdfast are the principal. For carving fretwork, one method will be sufficient. A bench or plank 3 inches thick, of any size, face up true, that the work may be firm and even upon the surface, and a few small screws, after the manner of carvers' screws, placed round the edges, or in the strongest part of the centre of the work, is the best method. The wood selected for fretwork and carving ought to be free from shakes and knots, not too hard and steely, and yet not too soft and dead—a medium between the two extremes. The latter exists more or less in all kinds of wood. If the wood is too hard, it turns the edge of the tool, and if too soft or woolly it puzzles the amateur, because even the sharpest of his tools refuse to cut it kindly. It generally happens that fine-grained soft wood is best, and hard wood should be light in proportion to its bulk. It should be well seasoned, to prevent curling. As I have said before, the best quality is not the most abundant. Experience will best teach what is best to use. The workman, having selected the wood, and fretworked some simple pattern (one that has been prepared and outlined for carving), and secured it to his bench by the method above named, will find nothing more puzzling than the mastery of the grain. Tearing, splitting, and breaking off are the firstfruits of his labour. One general rule must be observed—viz., commence working at all the parts to be cut deepest, and, to use our term, roughed and bolstered out. Then take most tender parts, working from the weakest to the strongest

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parts, such as the points of leaves towards the centre. All that can be should be done without turning the work about, but rather than risk injury turn it sufficiently. Try to use both hands as soon as possible, and, whether the tool be in the right or left hand, use one as a guide and defence to govern the tool from blundering forward. The wrist or arm should be pressed upon the bench to assist in the government of the tool. Let the tool cut away all wood it can fairly, but better under than over the mark. Be careful not to force the work. The shapes of tools should fit the work to be executed, and tools should be changed as the form of the work changes. In cutting diagonally across the grain, guard against tearing, using a flat tool at right angles from the direction you are working, and pare it down carefully to the shape required; draw the edge of the tool lightly over difficult parts, like a scraper, but avoid it if possible, as it blunts the tool, and it is unwise to blunt it unless you are prepared and competent to sharpen it. Go on with regular method; avoid rambling from one part of the work to another. Guard against the childish desire to see the work finished before it is fairly begun; this weakness frequently spoils the whole undertaking. In finishing work, work away from the parts you are executing; by this means you avoid injury, breaking, or soiling. A hard, short hog's-hair brush is used with advantage and good effect when the carving is finished; a stiff piece of brown paper may be laid upon the completed part, to keep it clean while the rest is being completed. Tools properly prepared for such light work as fretwork ought, with the application of a properly prepared strop, to be sharp enough to work for months.

The form of leaves is executed in an endless variety of ways, regardless of thickness. Although the generality of Nature's forms are flat, we take unbounded liberty with them; we treat them either naturally or conventionally - terms we understand in all branches of the trade. The correct outline of most foliage should be, and is most generally followed. Leaves are formed quite flat, convex, concave, wavy, high in middle, low or hollow on the edge, half turned right or left, turned over or lapped over; the veins of the leaves are raised, or sunk, or lined out; the edges are round, saw-tooth, or ragged; and often, for correct and good appearance, have a small square taken off their entire edges. Flowers of three, four, five leaves, or more, are treated similarly to leaves in many respects. Fruits, such as berries, pods, petals, or cups, are either rough or smooth. Stems are either round, square, or octagon, straight, or in short lengths, from knot to knot, or twisting. The tooling of the stems consists of straight lines, twisted lines in hazzled zigzag fashion, using the tool from right to left with a rocking motion. Sometimes the whole of these methods are used at once, with stamps to give the appearance of the rough bark. The form of corn is generally bold and prominent, following its ripe appearance. The grass of wheat and barley has an endless variety of twists, with fine lines running through on either side. Natural specimens are, of course, always the best guide, but when not attainable, the beautiful and careful construction of artificial flowers can always be obtained.

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Hickory Wood Carvers' Mallets	...	...	...	...	-/8
Best Hones, in Polished Cases, Arcansas,	...	...	...	11/- and 14/6	
Washita Hones	...	...	...	5/-, do. slips for gonges,	1/6
Fancy C. S. Brass Back Saws	...	...	4 in., 1/6 ; 6in. 1/10 ; 8in. 2/4		

Carving Tools.



Price per Set ... .. 6/3

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## Carving Tools.



The set of 6, as illustrated, for Amateurs	...	...	...	...	8/6
" 9,	"	"	...	...	4/6
" 12,	"	"	...	...	5/6

Bright Wood Carvers' Screws, Fly Nuts—

$10 \times \frac{5}{8}$	$12 \times \frac{5}{8}$ inches.
6/6	7/6 each.



## Iron Glue Pots.

With Tinned Inside Linings.

8	4	$4\frac{1}{2}$	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$	$6\frac{3}{4}$	7	$7\frac{1}{2}$	$7\frac{1}{2}$	8	9	inch.				
9	-10	1/-	1/1	1/2	1/4	1/6	1/8	2	2	2	6	3/2	3/6	3	9	4	8	each.

The Measurement is Glue Pot inside.

## Copper Glue Pots.

Recommended as being Clean, Light, and Quickly Heated over the Gas or Spirit Lamp. Much used by Amateurs for Small Work.

Nos. 1 2 3 4 5 6 7 8 9								
1/4	1/8	2/6	3/4	3/10	4/9	5/6	7/-	7/9 each.

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PRIZE MEDAL for Excellence of Tools Wood and Metal Workers',

# FRET-SAWYERS' MANUAL.

## DESCRIPTION OF TOOLS,

AND INSTRUCTIONS

## HOW TO USE THEM.

The tools required for this beautiful art are few and inexpensive. They consist of a steel fret-saw frame (Fig. 1), a dozen or two blades, a hand drill with several points, a cutting-board, and two clamps to secure the wood to the table.

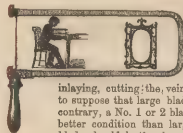


Fig. 1.

In buying blades, select only those having sharp, regular teeth, and use only the best grades. Fig. 2 gives an idea of the sizes from Nos. 1 to 7. Nos. 0, 00, 000, are still smaller, and are used for very fine work, such as

inlaying, cutting the veins of leaves, etc. It is a wrong idea to suppose that large blades cut faster than small ones. On the contrary, a No. 1 or 2 blade cuts faster and leaves the work in better condition than larger size. By practice and care a small blade should last as long as a large one.



Fig. 2.

One or two fine bradawls should be procured, or, what is better still, one of our many sorts of hand drills (see Fig. 3), complete with several sizes of drill points.

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5 -

Fig. 8.

Fig. 4 shows our cutting-board; and we also make another pattern, the dimensions of which we herewith give you, should you desire to make one. It consists of a piece of wood about three-quarters of an inch in thickness, eighteen inches long, and fifteen inches wide. Out of each end of the board cut a V shaped opening, one about two and a half inches wide and four inches long, and the other one inch wide and two and a half inches long, the latter being for finer work.



1/4

Fig. 4.

This cutting-board may be screwed to the table, over which it projects several inches. This being done, you have a suitable table or bench on which to work.

### Wood.

It is of great importance for the amateur to make choice of suitable wood, which should be well seasoned and free from shakes and knots. The woods best adapted for fret work are walnut, holly, cedar, pine, white wood, butternut, mahogany, rosewood, satinwood, tulip, bird's-eye maple, ash, amboyna, and cocabola. The woods most commonly used by amateurs are black walnut and white holly. Probably nine-tenths of all the fret-sawing done in the country is done with walnut. Besides wood, gold, silver, copper, brass, rubber, bone, ivory, tortoiseshell, mother-of-pearl, etc., can be cut to advantage with the fret-saw.

The thickness of the wood will vary according to the work to be done. From one-eighth to a quarter of an inch in thickness is a common size to use for the hand-saw. Some of our customers work to half-inch thickness with machine.

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## FRET SAWING, WITH ILLUSTRATIONS.

**Caution.** The amateur is frequently in too great haste to "make a bracket," and does not give sufficient time for practice; especially is this the case with the younger ones, and for this reason many get discouraged. The true way to be successful is to follow instructions explicitly. *No one should attempt to do a nice piece of work until they can saw on a line, circle, or cut an angle with ease and precision;* for this practice old cigar boxes are the cheapest and handiest. After you have learned to follow straight and curved lines, the next and only difficult point is to learn to turn a square or sharp corner, as in Lesson I.



**Lesson I.**—Commence at one end and saw up to sharp point; now, without stopping the motion of the saw, you want to swing the piece of wood round, using the saw blade as a fulcrum for centre; when you get so that you can successfully do this you will find it of great value in executing work rapidly and nicely. At first you will find this a little difficult, for the reason that you do not turn on the actual centre of saw blade; this is caused by your pressing the wood forward slightly while you are turning it; now, it should not be pressed in any direction, but if any way it should be held back a little, for the reason that it would then hit back of saw blade which cannot cut; but this will be overcome by practice.



**Lesson II.**—This is a different practice, but will require no special instruction. Carefully follow the lines. Do not crowd or hurry your work. In case the saw works hard, occasionally apply a little soap or beeswax to the back of blade.



**Lesson III.**—This is a combination of the line, curve, and angle, but differing from previous lessons in this respect: in preceding figures our object was to preserve outside line; in this we preserve inside. First drill small hole; unscrew upper saw fastener, and insert blade through hole. Now proceed to cut out the design as already described.

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Having practised on lessons until you can saw true, either on line, curve, or angle, you will be ready to advance a step in this fascinating art.

**Lesson IV.—MAKING A BRACKET.** Having selected a good piece of black walnut about three sixteenths of an inch thick, apply to it the design. There are several methods for doing this. The simplest is to paste the design directly upon the wood, using flour paste. After sawing is done, the paper can be removed by moistening with water, but it is much better to be careful in putting paste on, and only put it on the part that you throw away. You can also secure design to the wood with small tacks, driven into parts of the wood which are to come away. Another good way: Procure a sheet of "impression paper," lay paper on the wood, place design over it; take an instrument with *fine, hard point*, and trace around design. On removing impression paper, design will be seen neatly copied on wood.

It is better to cut away inside work first. Drill holes in every part which requires cutting away; this done, place wood, with design upwards, on the saw table. The inside of design being complete, remove outside of design in same manner. Having finished the various parts of the bracket, it is ready for finishing.

**SMOOTHING-OFF WORK.** Take small half-round file, file corners true, and straighten all edges. Take sand-paper, rub bracket carefully. Under edges will be found ragged, but sand-paper will make them smooth. When a number of thicknesses are sawn this is obviated.

**PUTTING WORK TOGETHER.**—Small brads or screws can be used; if the bracket is quite small, glue alone is sufficient. In case the bracket is intended to carry some weight, use screws.

**OIL.**—For oiling, boiled linseed oil should be used. Apply to wood, and when it is absorbed, rub over with a stiff brush or soft paper.

**SHELLAC.** Take half-pint bottle of alcohol, fill about one-quarter full of bleached shellac in small pieces. After standing several hours this will be dissolved and ready for use. Apply to the wood with fine sponge or cotton. It dries so very quickly that several coats can be applied in a few moments.

**VARNISH** is frequently used, but does not give wood as pretty an appearance as oil or shellac. If used, it must be applied lightly and evenly. There are several kinds, varying in colour; must be used according to colour of wood.

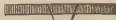
**POLISH.**—To polish well requires practice, care, and patience. In first place see that wood is smooth. Use fine sand-paper, and be sure to remove every scratch. Having obtained the polish,—light or dark, according to colour of wood, soak small bit of tow or cotton wool in the polish, and apply *evenly* to wood; add more polish to cotton wool, but before applying to wood place it inside a piece of linen rag, on which put a drop or two of sweet oil—this prevents rag from sticking; rub wood again, giving circular motion to rag; repeat supply of polish and oil as required, until the surface is uniformly polished.

**MARQUETRY OR INLAYING** is a fascinating part of scroll sawing, and destined to become more popular. At first thought it may seem difficult to inlay one piece of wood into another, but the process is simple when you know how.


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## PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

For first lesson we will take clover leaf and may black walnut into white holly.



Take two pieces of wood, each one-eighth of an inch thick, walnut, and holly; fasten them together either with common shoe pegs or screws. Let the walnut remain at top; secure the design to wood; drill small hole for saw blade, same as in fretsawing, in which use rt blade (No. 6); saw with your work on right of saw blade. The cut shows two pieces of wood, at angle at which blade should cut. From picture you will readily see how dark piece of wood will drop down and fit into light. If here is just what it will leave work smooth, with no gaps. Having cut out clover leaf, you can secure it in its place. Glue round edges of leaf, insert quickly in holly, let harden under pressure. Finish off work with sand-paper.

 **How to use our Fretsaw Machines.**—Amateurs should first learn to operate the die, so that they can run machine and talk at the same time; even write and run saw. Having accomplished this, take piece of cigar box or other thin board, make straight and curved lines upon it (do not at first turn round). When you have made marks, place board close to saw, as near mark as possible, with hands on top of board; press down gently—not hard, but always down and forward at an even speed, not by fits and starts. Keep hands as near saw as possible. Always use thin lumber first, and saw slow; as you learn to saw you can learn to use machine to fullest capacity. To saw bracket or other piece of work, always place pattern on wood so that grain will run lengthwise of weaker parts.

**OVERLAYING.** When amateur has become master of his saw, so that he can saw delicate and intricate work, he should do overlaid work, as this is very neat and a change. Ordinary flat picture frames can be overlaid with vines and fine tracery. Here is an instance where our glue becomes very useful, for we can fasten overlaid work on finished wood, where ordinarily it requires escutcheon pins, but all know it is not pleasant to drive them in light and frail work. Very pretty photograph frames are made by taking pine board and sawing oval out of centre and covering pine with velvet. Fasten overlaying on velvet. Designs for overlaying, such as vines or cluster of flowers, a head or any other ornament, can be procured from our latest stock of designs.

**SILHOUETTES.** Few articles made with scroll saw are more ornamental than Silhouettes. Many designs can be found in books for children. They should be cut from material one-sixteenth of an inch thick, or from veneers. Black and white are favorite colours—ebony and white holly. It requires a tough wood. Finest and best saws should be used. When veneers are used they should be placed between two pieces of a sixteenth of an inch in thickness each, and fastened firmly. Silhouettes are used in various ways, by overlaying on polished wood or paper placed on a board for a background. If you possess a treadle machine, you can make decorations for your wall, or even make a nice border. Paste a very dark strip round for border, then

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procure white holly veneer and saw out a variety of patterns—you can saw half a dozen or more at one time. Glue them on dark border, each equal distances apart. If you wish to saw a perfect likeness of one of the family or a friend, place a piece of paper on wall; with a strong light throw shadow on paper, with pencil trace features, and with pantagraph reduce to any size you wish. With little practice you can do excellent work. In this simple way you can decorate an easel you wish to give to a friend with his own likeness, by obtaining it in this way and reducing as stated; placing your picture on wood, saw out and overlay object to be given away.

**SAND-PAPERING.**—To sand-paper flat surfaces, always use a block. Two pieces of pine three by four inches, and three-eighths thick; through one of them put a few slender screws, just long enough to come through about one-eighth of an inch, file these points sharp, take piece of sand-paper four inches wide and seven and a half long, lay one end on screw points, press paper over them, place other block on this, fasten the two together with screws (two sets of blocks are best, one for fine the other for coarse paper); lay work on bench, hold board with one hand and rub with other, give circular motion, move rapidly; begin with No. 1, finish with No. 00. Another good way for small work: lay whole sheet of paper on bench or level board, turn piece to be sand-papered down on it and rub. Small work done nicely in this way.

## Fretsawing in Metals, Shell, Pearl, and Ivory.

Brass, gold, silver, shell, ivory, and pearl can also be used by Fret Sawyer, many beautiful and useful ornaments being produced by them. It is not generally known, but is a fact, that brass, tin, zinc, and other composition metals, can be cut with a bracket saw almost as easily as wood.

Sawing out thin metals, or thin and brittle substances, the article to be sawn should be placed between two thin pieces of walnut. The design can be placed on wood, as ordinary work, and wood and metal sawn through at the same time. By this means very delicate work can be wrought, as wood forms support for thin metal. No matter how fine may be the lines, or how intricate the work, with a steady hand and keen eye the saw will cut hair lines as well as coarse ones.

For metal sawing, only our best special metal saw blades should be used. Nos. 1, 0, and 00 are most desirable. In this manner earrings and various articles of jewelry and ornament may be produced.

Beautiful ornaments can also be cut from brass, silver, ivory, etc., for inlaying into woods of contrasting colours. Sheet brass, copper, and other metals can be procured of various thicknesses. A silver coin can be hammered quite thin and flat. With the fretsaw this can be worked up into articles of jewelry, or for inlaying purposes. Silver inlaid into ebony is very beautiful.

Hard, vulcanized india-rubber is manufactured in sheets about two feet

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# PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'

square, and we sell it by the pound. It can be easily cut, and is very attractive and convenient to use for jewelry, card baskets, etc. Even a handsome clock-case can be made from this material. When sawing rubber, frequently place a little oil on blade, to reduce friction.



In putting nice work together, it is of importance to do it well, as good work can be easily spoiled. Hinges can be had at our stores, but they are usually too plain for fine work, and we propose to show how an ornamental hinge can be made by means of the fretsaw. Sheet brass, copper, or other metals can easily be procured of various thicknesses. The best suited for this purpose will range from  $\frac{1}{4}$  to  $\frac{1}{8}$  of an inch. Upon a piece of metal, the requisite size, trace, with a fine awl point, the design you have selected. Saw out design, leave flange sufficient to form a turn or socket, where the two parts of hinge are to be united by pin. This flange will at first be straight, but by using a pair of small pliers and working it with light hammer round steel wire fully as large as diameter of pin, it forms a tubular shape. To other half of hinge there will be, of course, two more flanges to be made in same way. Pin should be fitted as true as possible, in order that hinge may open and shut easily. Hinges should be fastened on with small wire pins, holes of proper size being drilled through the metal and wood.



Escutcheons for keyhole ornaments can also be cut from brass and other metals. We illustrate one or two styles. Many other small articles from metals can be cut out with the saw. We illustrate two very useful ones. They are metal loops for suspending clock cases, picture-frames, brackets, etc. For this sheet brass is used. As nail-heads vary in size, the hole by which the loop is passed over the nail should be sufficiently roomy for the largest sized picture nail. Fret-work boxes can be still further ornamented by means of corner braces cut in neat designs from brass. These can be cut in pairs by following the directions already given.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.



No. 17.



This Fret-Saw has been designed to meet a demand by advanced Fret Cutters and Cabinet Makers for a strong Saw capable of doing larger work.

The advantages enumerated will be obvious to any Fret Worker.

The Table is oblong, and extends the whole length under the arm, giving ample room for larger sized work, and tilts to any required angle for doing Inlaid Work. It is 20 inches from the Saw to the arm.

The Saw has a true Vertical Stroke, which is so essential for cutting smoothly and easily.

It is fitted with a durable and efficient Blower.

A Presser Foot, B, which can be instantly adjusted to wood of any thickness, prevents the upward jerking of work,

which is so much objected to, and which causes such frequent breakage of Saws.

It has a Horizontal Drill, which is not visible in the above Illustration.

The Table is fitted with a loose round Piece, which can be removed when fixing a Saw, giving a clear view of the lower Saw Bar.

It has a Horizontal Drill Shaft, which will also hold Emery Wheels, Buff Wheels, or Polishing Brushes.

Price, with Saws, Spanners, Drills, £2 10/-

Polishing Brushes, 1/- each.

Drills, 1/- per dozen.

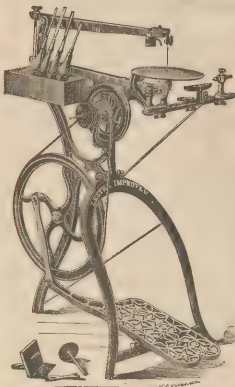
Emery Wheels, 1/- to 4/- each.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools Wood and Metal Workers',

## The Lester Saw.

Price 45/- complete.



This machine is made of iron, and all the working parts of steel. It consists first of a Scroll Saw, with tilting table for inlaid work. The arms give 18 inches in the clear. The clamps are hung on pivots, and will hold the finest saws.

Second, a Circular Saw Attachment, with iron table 4 by 5 inches, and circular saw  $2\frac{1}{2}$  inches in diameter.

Third, a Drilling Attachment, with 6 drills of various sizes.

Fourth, an Emery Wheel, with wide and narrow rim.

Fifth, a Lathe, with iron bed and rest, steel centres; length of bed 15 inches; distance between centres 9 inches.

The following are sent with each machine, and included in the price: 6 Saw Blades, a Wrench, Screwdriver, 8 Turning Tools, extra Belt and 2 sheets of Designs, and a box for the small tools. Weight 50 lb.

Case and Packing, 2/-

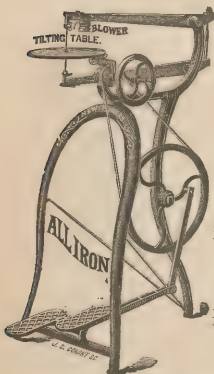
We have special facilities for the execution of Contracts for Governments or Public Institutions, and to execute General Commissions for Foreign Correspondents, with the greatest care and reliableness, our knowledge of the best English and Foreign Markets enabling us to address ourselves to Shippers and Agents in the various Branches of our Business with confidence.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

City Guilds Technical Institute, Health Exhibition, 1884.

## The Improved Rogers' Fretsaw.

With Blower and Drilling Attachment.



The table of iron is adjustable for inlaying. The frame of the machine is all of iron, neatly painted. The height of table above the floor is 32 inches. The belt wheel is 12 inches diameter, with a 5-inch fly-wheel. The arms give 18 inches in the clear. The clamps are hung on pivots, and will hold the finest saws. A Drill and Wrench are sent with the machine, and an effective Blower is also attached. The machine is far superior to any other cheap machine before offered, and will commend itself on being seen.

Weight, complete, 25 lb.

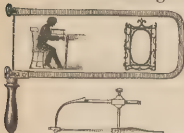
No. 1, price 16/-

No. 2, with Automatic Blower, Nickel-plated Table, and Emery Wheel for polishing or grinding,

Price 20/-

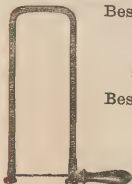
Cases and Packing, 1/-

## Piercing Saw Frames.



MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',



### Best Quality Oval Steel Buhl Saw Frames,

With Tightening Screws and Handle.

9	12	14	16	18 inches.
8/6	8/6	4/-	5/6	8/- each.

### Best Bright Flat Steel Buhl Saw Frames,

With Tightening Screws and Handle.

9	12	14	16	18 inches.
8 -	3/-	3/6	5/-	7/- each.

Nickel Plated, 10 inches deep	...	...	...	...	2, 6 each.
Ditto 12 ditto	...	...	...	...	3 6 "
Common Quality, 12 and 14 inches deep	...	...	...	1 - and 1 6	"
Cast Steel Frame, 6 in. x 2 1/2 in. }	} very useful for Jewellers, etc. }				1/- and 1/10 "
Ditto, ditto, 6 in. x 4 in. ...					



### Griffin's Patent Saw Blades.

Nos. 00 to 6, -/5 dozen,	4/- gross.
„ 7 to 10, -/6 dozen,	5/- gross.

They only require a trial to ensure their constant use by all Fret Workers.

We have sold several thousand gross of these blades, and have never yet heard other than good reports of them.

### Fretwork Files.



These are made in Six Shapes, as shown above, 2/- per dozen.  
Small Bone Handle, with chuck to hold same, price -/5.

MELHUISE'S, Fetter Lane, Holborn Circus E.C.

Cuckoo Clock Pattern.



Price 1/-

Cathedral Clock Pattern.



Price 1/-

P.S.—For fuller List send for our complete Illustrations and prices of miniature designs.

## Italian Fretsaws.

The Best.

Nos. 00 to 4	...	...	...	Price	-/8 per dozen; 2/- per gross.
" 5 to 6	...	...	...	"	-/4 " 3/- "
" 7 to 8	...	...	...	"	-/6 " 4/6 "

We have also a choice stock of Saws specially made for the use of Jewellers and workers in sheet metal. 1/- extra per gross.

## The Celebrated Star Fretsaws.

As there are differences of opinions as to the value of different Fret-saws, we have introduced to our list the above Saw Blade, which, undoubtedly, *for some kinds of work*, is without a rival.

Prices, Nos. 0 to 6, /4 per dozen, or 3/6 per gross.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## Prepared Fancy Woods for Fretwork.

Planned by special Machinery, and full measurement given.

Each Board from 3 ft. to 4 ft. 6 in. long.

THICKNESS OF WOOD.		$\frac{1}{2}$	$\frac{3}{4}$	1	$\frac{1}{2}$		
Mahogany ...	per foot	- 5	- 5	- 5	- 8	from 12 ins.	to 20 ins.
Black Walnut...	"	- 5	- 6	- 6	- 8	" 9	" 20
American Canary	"	- 4	- 6	- 6	- 8	" 12	" 24
Dantzic Oak ...	"	- 6	- 7	- 7	- 9	" 9	" 18
Brown Oak ...	"	- 6	- 7	8		" 9	" 18
Purple ...	"	- 9	- 9	- 10		" 5	" 8
Sycamore or Chestnut	"	- 6	- 6	- 7	- 9	" 12	" 24
Blackwood (Stained)	"	- 8	- 10	1	1/6	" 6	" 10
Ebony ...	"	1 8	1 9	2		" 9	" 10
Rosewood ...	"	1 2	1 2	1 4		" 7	" 12
Red Cedar ...	"	- 6	- 7	- 7	- 10	" 12	" 18
Pear Tree ...	"	- 6	- 7	8		" 9	" 12
Cherry ...	"	- 6	- 7	- 7		" 9	" 11
Birds-eye Maple	"	- 10	- 10	1		" 9	" 12
Plain Maple ...	"	- 4	- 5	- 5		" 12	" 18
White Holly ...	"	- 7	- 8	- 10		" 6	" 15
Canary ...	"	- 10	- 10	1		" 5	" 12
Tulip ...	"	1 6	1 8	1 9		" 5	" 10
Satin ...	"	- 10	1 2	1 2		" 6	" 12

We give above the average these woods usually are, but cannot guarantee any width, but orders entrusted to us for special sizes we will endeavour to supply so far as we are able to do so.

A very choice assortment of these forwarded in 10 - and 20 - Parcels.



## Carving Tools for Fretwork.

Complete as Illustrated.

Rosewood Handles, in Walnut Box ... 5/-

By carving many fretwork designs after they have been sawn, their beauty can be enhanced, and their value and desirability as household ornaments, for sale or gift purposes, wonderfully increased.

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City Guilds Technical Institute, Health Exhibition, 1884.

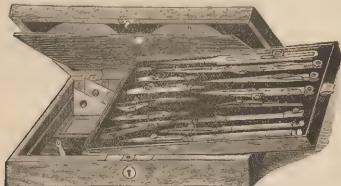
## Mathematical Instruments, Colours, and other Drawing Materials,

Suitable for Schools, Colleges, Technical and Fine Art Students, etc.



Size,  $8\frac{1}{2} \times 4\frac{3}{4} \times 2$  inches.

No. 19. Mahogany Lock Case, movable tray, containing 6-inch needle-pointed jointed brass pair of compasses with pen and pencil points, lengthening bar, 4-inch needle-pointed jointed pair of compasses with pen and pencil points, pair of dividers, needle pointed spring pen bow, and ditto pencil bow, ivory handled pen, two protractors, parallel rule, plotting scale, and angles. Price 12/-



Size,  $9\frac{1}{2} \times 6\frac{1}{2} \times 1\frac{3}{4}$  inches.

No. 28. Handsome Rosewood Lock Case, inlaid with brass, movable

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tray, containing 6-inch needle-pointed jointed brass pair of compasses, pen and pencil points, lengthening bar, 4-inch needle-pointed jointed pair of compasses, pen and pencil points, pair of dividers, proportional compass, needle-pointed spring bow pen, ditto pencil, two ivory handled ruling pens, two protractors, parallel rule, plotting scale, and angles. Price £1 1 -

**The Simplex Ruling Pen.**

A most useful article for Linear Draughtsmen, Technical and Art Students, Book-keepers, Accountants, Skilled Artizans, etc.

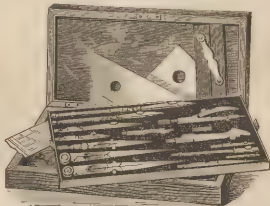
By means of a very simple action the pen is at once set to the thickness of line required; it entirely dispenses with the screw adjustment.

The points are non-corrosive, and can be used with any ink.

No. 476.—The Simplex Ruling Pen, ebony handle, nickel nibs and mount.

8/- per dozen, or -/9 each.

No. 34. Handsome Rosewood Lock Case, inlaid with brass, movable tray, containing the following German silver round-pointed instruments, viz., 6-inch needle-pointed jointed pair of compasses, pen and pencil points, lengthening bar, 4-inch pair of needle-pointed jointed compasses, pen and pencil points, pair of dividers, proportional compass, needle pointed spring bow pen, ditto pencil, two ivory handled ruling pens, two protractors, parallel rule, plotting scale, and angles. £1 8/-



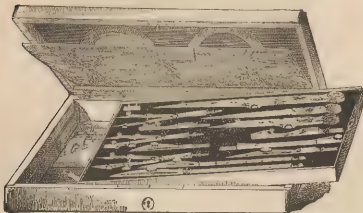
No. 608.—Walnut Wood Case, velvet lined, with lock and key and

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movable tray, containing the following best electrum steel jointed mathematical instruments, viz., 6-inch round-pointed compass with double shifting leg adjustment, jointed pen point, needle and pencil points, and lengthening bar, 4½-inch round-pointed divider, 3½-inch bow compass with three movable points, hinged spring bow pen, two fine hinged ruling pens, compass key, case of leads, ivory plotting scale, parallel rule, and set squares. £1 11/6.



Size, 10½ × 6¾ × 2 inches.

No. 38.—Strong Mahogany Case, lock and key, movable tray, containing the following highly finished German silver round pointed instruments, viz., 6-inch needle-pointed jointed pair of compasses, pen and pencil points, lengthening bar, 4-inch pair of compasses, needle-pointed and jointed, pen and pencil points, pair of dividers, three superior needle-pointed spring bows, two ivory handled ruling pens, two protractors, parallel rule, plotting scale, and angles. £1 16/-

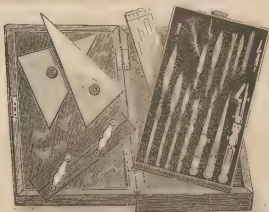
## Special Rolling Parallel Rules.

Made of Solid Brass, for Hot Climates.

12-inch, Solid Brass, in Mahogany Case	...	...	...	£1 10/- each.
15 ditto ditto ditto	...	...	...	£2 0 "
18 ditto ditto ditto	...	...	...	£2 8 "

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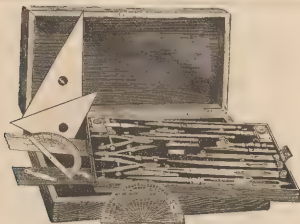
No. 609.—Walnut Wood Case, velvet lined, with lock and key and movable tray, containing the following best electrum steel-jointed round-pointed set of mathematical instruments, viz., 6 inch double knee-jointed compass, with needle point, pencil point, movable hinged pen point, and lengthening bar, round-pointed divider, hair-spring divider, double knee-jointed bow compass set with interchangeable pen and pencil points, three fine-binged ruling pens with ivory handles, spring bow with movable hinged pen and pencil points, compass key, case of leads, 6 inch ivory plotting scale, parallel rule, and set squares. £2 2/-

### Palette Knives.



Cocoa handle,	8½ in., 4 in., or 4½ in.	...	...	...	1 - each.
Ditto	5 in.	...	...	...	1 3 "
Ditto	6 in.	...	...	...	1 6 "
Slope point,	8½ in., 4 in., or 4½ in.	...	...	...	1 - "
Ditto	5 in.	...	...	...	1 3 "
Ditto	6 in.	...	...	...	1/6 "
Trowel shape,	3½ in., 4 in., 4½ in.	...	...	...	2/- "
Ditto	5 in.	...	...	...	2 6 "
Ditto	6 in.	...	...	...	3. - "

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Size,  $10\frac{1}{2} \times 5\frac{1}{2} \times 2$  inches.

No. 40. Solid Mahogany Case, lock and key, movable tray, containing the following set of fine German silver round pointed and steel-jointed instruments, viz., 6 inch needle-pointed pair of compasses, pen and pencil points, lengthening bar, pair of 4-inch needle pointed compasses, pen and pencil points, pair of dividers, fully divided proportional compass with English divisions, three superior needle-pointed spring bows, beam compass set, with pen and pencil points, and tangent screw adjustment (needle pointed), two ivory ruling pens, German silver key for compasses, two protractors, parallel rule, plotting scale, and angles. £3 15-

## T-Squares for Architects & Engineers.



Best polished Mahogany, Taper Blade, edged with Ebony, warranted perfectly true.

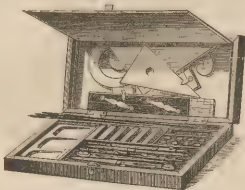
12 in. Blade, Taper Shape, Ebony-edged	...	...	...	1/6 each.
18 in.   "           "           "	...	...	...	2/-   "
24 in.   "           "           "	...	...	...	3/6   "
30 in.   "           "           "	...	...	...	5/-   "
36 in.   "           "           "	...	...	...	6/6   "
42 in.   "           "           "	...	...	...	7/6   "
54 in.   "           "           "	...	...	...	12/-   "

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## Combination Boxes.

Containing Drawing Instruments, Water Colours, and other Materials.



No. 53.—The Artizan's Technical Drawing Box, in polished wood, with sliding lid, containing set of mathematical instruments, moist water colours, slab, Indian ink, pencil, ink eraser, drawing pins, brushes, set square, 12-inch boxwood divided rule, with line of chords. 5/-

No. 54.—The Student's Drawing Box, in solid mahogany, with spring lock, containing six superfine sticks of artistic colours, Indian ink, slab with three divisions, drawing pins, set of mathematical instruments, viz., compass, with pen and pencil legs, bar, divider, ruling pen, plotting scale, parallel, set squares and curve, three tin-handled camel-hair brushes, compass pencil, lead pencil, and ink eraser. 10/6.

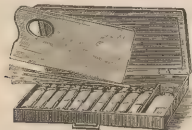
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Ours is the Depôt for all kinds of Engineers', Mechanical and Mathematical Tools, Centre, T- and L-Squares, Compasses, Callipers, Spring Dividers, Slide Gauges, with or without Vernier, divided into any measurement that may be required; Moulders' Tools of every description; Spirit Levels, Letters, Figures, Name Stamps, Brands, Stencil Plates, Pen and Pocket Knives, Scissors, Carriage Keys, Button Hooks, Corkscrews, etc.

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## Japanned Tin Oil Colour Boxes.



No. 000. —The Miniature Tourist's Oil Colour Box ( $7\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ), containing 10 tubes of colours, viz., flake white, yellow ochre, light red, raw sienna, bitumen, Prussian blue, ivory black, crimson lake, meryl, emerald green, 4 hog-hair brushes, walnut wood palette, bottle of drying oil.

The box, fitted complete, 5/- each; £2 per dozen.



No. 000. The Amateur's Portable Oil Colour Box ( $8\frac{1}{2} \times 3\frac{1}{2} \times 1\frac{1}{2}$ ), containing 13 tubes of colours, being same as in box No. 000 above, and burnt umber, chrome, and Antwerp blue in addition, 6 hog hair brushes, walnut wood palette, palette knife, and bottle of drying oil.

The box, fitted complete, 7 6 each; £3 per dozen.

*We have special facilities for the execution of contracts for Governments or Public Institutions, and to execute General Commissions for Foreign Correspondents, with the greatest care and reliableness, our knowledge of the best English and Foreign Markets enabling us to address ourselves to Shippers and Agents in the various Branches of our Business with confidence.*

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## Ivory Rules and Scales.

For Engineers, Architects, Surveyors, Students, and others.



6 in. Ivory Plotting Scale	...	...	...	...	8/- each.
6 in. Ivory Parallel Rule, German silver bars	...	...	...	...	3 6 "
6 in. Ivory Protractor Rule, four scales	...	...	...	...	5/- "
6 in. Ivory best ditto, eight scales	...	...	...	...	7/6 "
12 in. Ivory Folding Sector, German silver joints	...	...	...	...	7 6 "
Draughtsman's Ivory Scale, oval top	...	6 in., 4 - ;	12 in., 9	...	"
Universal or Builders' ditto, oval top	...	6 in., 4 - ;	12 in., 9	...	"
Architects' ditto, flat section	...	6 in., 5/- ;	12 in., 10/-	...	"
Armstrong or Engineers' ditto, oval section	...	6 in., 5 - ;	12 in., 10	...	"
Engineers' ditto, oval ditto, fully divided	...	6 in., 6/- ;	12 in., 12/-	...	"
Surveyors' Chain Scale ditto	...	6 in., 6/- ;	12 in., 10/6	...	"
Best, any parts divided to order	...	6 in., 6/- ;	12 in., 12/-	...	"
Best Ivory Set of Chain Scales and Off Set, in lock and key box	...	...	...	...	£3 15/- "

## Starrett's Screw Thread Gauge.



Full Size Drawing.

Indispensable to Engineers, Students, and General Machinists.

This Gauge has 20 pitches, viz.: 9, 10, 11, 12, 13, 14, 15, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40.

This is the only Gauge made that can be used inside a Nut, as well as on the outside of a Screw or Bolt.

Notwithstanding its double use and value, it is sold for the same as those of the old style having less pitches.

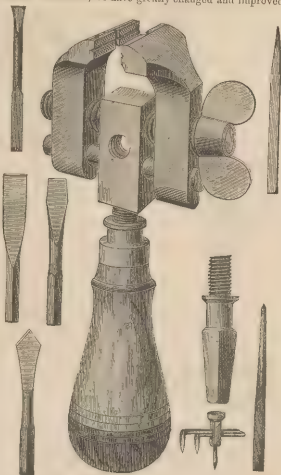
Price, 4/6 each.

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## Hand Vice.

Since our last catalogue was issued, we have greatly changed and improved our Hand Vice. The jaws are of forged steel, the screw and cross-bar are also made of steel, the handle is made of hard maple, with lignum vitae cap; it is hollow, and the bit shank and tools seen in the cut are placed inside. The blade bent at right angles fits the long groove in the jaws, and is used for cutting washers, while the awl shown in the cut is placed in the short groove for a centre spur.

The Vice Jaws are  $1\frac{1}{4}$  inch wide, and open  $1\frac{1}{2}$  inch. They will centre and hold firmly tools of any shape. The Vice is one-third larger than the cut, while the tools are full size. The handle can be unscrewed from the vice, and the bit shank put in its place, to be used with a bit brace for any kind of boring, drilling, or cutting washers. The handle can also be screwed into the vice at right angles with its usual position, which is desirable for many kinds of work. Price, with all the tools, 8 - each. Postage, - 4



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Complete as Illustrated

... ..

11 -

## Anvils.



Bright Steel-faced Anvil  
as Illustrated, 2/6 each.

Stained Blocks to hold  
same, -/10 each.



As Illustrated,  
from 2/6 to 7/6.

## Vices.

Best Lancashire Black Hand Vices.



3	3½	4	4½	5	5½	6 inches.
1/9	2/-	2/2	2/6	3/3	4/-	5/6 each.



## Vice Drills.

Vice Drills, small ... 1/4 post free.

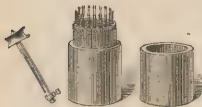
'Ditto med. ... 1/8 do.

'Ditto large ... 2/2 do.

MELHURSH'S, Fetter Lane, Holborn Circus, E.C.



## Clock Drills.



Set of 48 Drills, with polished steel stock complete, in polished wood case, as above. 16 sizes, 3 drills of each size. Invaluable for Watch and Clock Makers, Model Makers, Amateurs, etc. Best quality and finish warranted. Post free on receipt of P.O.O. for 5/10, or 74 stamps.



Best Drills, clean and well finished, for metal,

1/6 per dozen, assorted.

Black Drill Points, for Archimedian Drills,

Small Size, 1/- per dozen.

Large Size, 2/3 ditto

## Nickel-Plated Pin Vice.



Full Size.

This tool is made of steel throughout, with the jaws and wearing parts hardened. For holding wire there is a hole through handle and screw.

Price 4/6 each.



Pin Vice, as illustrated, all steel, hole through handle for holding wire.

Price 5/6 each.

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**PRIZE MEDAL for Excellence of Tools Wood and Metal Workers'.**



This is claimed to be the handiest tool of the kind in use. It is of metal throughout, the jaws being of forged steel, and the handle of case hardened malleable iron. For holding wire there is a hole through the handle and screw.

Price 4/6 each. Nickel plated, 7/- each.

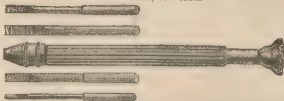
**Hollow Bright Pin Vices,**



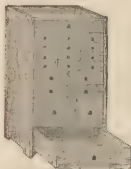
Best quality 1/10 each, any pattern.

**Nickel-Plated Screwdriver Handle,**

As illustrated, 3/6 each.



This is fitted with an adjustable chuck, permitting the blades to be changed at pleasure. It has many advantages, which a watchmaker will readily see.



For Small Tools and Materials, with 20 drawers,  
as illustrated, 12/- each.

Same with 10	15	24 drawers.
7/6	10/-	18/9 each.

Oak Tool-Chest, with 9 drawers and door with  
lock, 24/6 each.

Mahogany, with	6	8 drawers.
	12	17 each.
Same, with door	} 17/-	21/- "
and lock ...		

**MELHUISH'S, Fetter Lane, Holborn Circus, E.C.**

## Real Nickel-Plated Grinding and Polishing Lathe.

Screwdrivers,

Shifting Blades.



We are now selling large numbers of the above ; they are strong, well finished, and remarkably cheap.



Price 44/- complete.

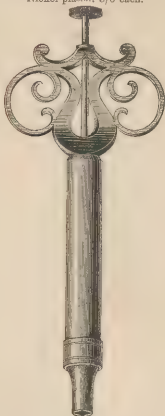
The cut represents a very useful tool, specially adapted for jewellers' and dentists' use. Emery wheels can be applied between nut and collars at one end, and the taper screw is for brushes and buffers of every description. It is nicely fitted up, and can be run at a high rate of speed.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools Wood and Metal Workers',

## Universal Clock Key,

Nickel-plated. 3/6 each.



## Patent Watch Keys,

Ebony Handles, 1/3 and 1/6 each.

These Self-adjusting Watch Keys are designed to wind any key-winding watch. By pressing the push pin at the top of the key the jaws expand wide enough to admit the winding square of the watch, which it firmly holds during the process of winding. When the jaws of the key have once seized the winding square of a watch, it cannot by any chance slip off, or wear round the angles of the post.

When winding is completed, the winding square is relieved by a simple pressure of the push pin.

The key is absolutely proof against the danger of conveying dust to the movement. By springing the jaws open all accumulations in the pipe or jaws of the key are at once expelled.



## Gravers.

Bent Square, Bent Lozenge, Round, Oval, Knife, Flat Oval, Flat, Half round

Bent, Flat Scooper, all Sizes ... each - 2 - 2½ - /3

Graver Handles, Round or Sliced ... - 1½ - 2 - /2½

Cast Steel Oval and Taper Burnishers, finely polished—

3	4	5	6	7	8	9 inches.
9	10	1/-	1/2	1/6	1/8	2/- each.

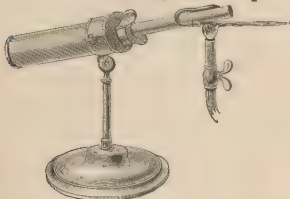
Tint Tools, various.

French Gravers, - 4, - 5, and - 6 each; Lined Gravers, - 10 and 1 -

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

City Guilds Technical Institute, Health Exhibition, 1884.

## Patent Self-Acting Blow Pipes.



This useful Lamp is made of brass, the body being filled with methylated spirits, and this, being absorbed by sponge enclosed in gauze wire, when heated (see Illustration), it will throw out a strong, powerful flame.

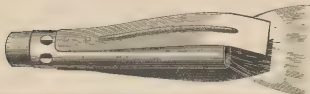
Complete, as Illustrated ... .. 7/6 each.



	Nos.	0	1	2	3	4
Self-acting Soldering Lamps ... ..	...	4	4	4 6	5	6 each.
Ordinary Brass Blow Pipes ... ..	...	---	4	6	8	each.

## Patent Gas Heater.

For Tempering Drills, etc. Price 4/6 each.



MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

**PRIZE MEDAL for Excellence of Tools---Wood and Metal Workers'.**

## Snips.

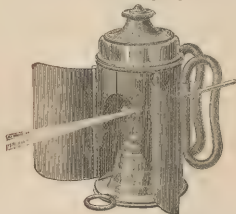


		6	7	8	9	10	11	12 inch.
Tinmen's Snips	...	1/6	1/8	2/-	2 4	2 9	3 2	3 6 each.
Best Lancashire ditto	...	1/9	2/-	2 8	3 -	3 6	4	4 6 ..
Bent Nose ditto	...	2/6	2/9	3/-	3/3	3 9	4 1	4 6 ..
Tinmen's Boxwood Mallets	...	...	...	...	1/8	1/6	1/9	2 ..

Tinmen's Tools of every description supplied to order.

## Self-Acting Spirit Lamps.

For Heating or Soldering Purposes.



The above are well made and finished, the reservoir and lamp being made of stout copper, and the frame of sheet iron. A safety valve is put in the top screw, and a brass cup is supplied for filling.

Nos.	1	2	3	4	5
	3/6	4/-	4/9	5/6	6/6 each.

## Powerful Double-Blast Soldering Lamps.

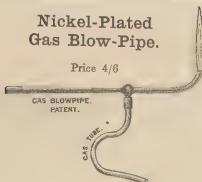
Large, for burning off Paint.

No. 1, 10/-; No. 2, 12/-

**MELHUISS'S, Fetter Lane, Holborn Circus, E.C.**

## Nickel-Plated Gas Blow-Pipe.

Price 4/6



## New Soldering Iron Heater.

Improved pattern for Straight or Hatchet Bits. A useful Burner for many other purposes. Price, with Dome for economizing heat, 2/6

The same pattern, to take two large Bits—two separate Burners with Tap for gas supply—with Dome, 7/6



*Engraved one-eighth full size.*

Copper Bits for Soldering. We have a very large and varied assortment from 1/- up to 7/6

Patent Soldering Fluid (no acid), large size, 1 3 per stone bottle of 1 pint.

## Plumbers' and Painters' Tools.

Plumbers' Dressers, Hornbeam	...	...	...	...	each	1/-
Do. do. Box	...	...	...	each	1/8, 1/9, 1/10,	2/-
Do. Bossing Mallets, Box	...	...	...	...	each -/10	1/-
Do. do. Sticks, Box	...	...	...	...	1/4	1/6
Chase Wedge, Box	...	...	...	each	1/-, 1/2,	1/4

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

# PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

Plumbers' Shave Hooks, Straight, Bent, Triangular...	...	each	1 -
Do. Gauge Hooks	...	...	1/-
Blow Pipes	...	each	-/4 -/6
Turn Pins, Boxwood	...	each	-/3, -/4, -/5, -/6, -/8, -/10



Best Quality Wide Chisel Knife	...	...	...	each	
Plumbers' Pocket Knives	...	...	...	each	1/3
Do. Chipping Knives, Large	...	...	...	"	1/- 1/3
Glaziers' Hacking Knives	...	...	...	each	-/7
Do. Putty Knives, Stiff Blades	...	...	...	each	-/6 -/10
Cocoa-handled Putty Knives or Chisels	...	...	...	"	-/6 -/7
Ebony-handled Putty Knives or Chisels	...	...	...	"	-/10 1/-
Pallet Knives	...	each	-/6, -/8, - 10, 1	1, 1 3, 1 6, 1 9, 2 -	
Large Chisel Knives	...	...	...	each	-/9 1/8
Graining Combs, per inch, - 1 1/2 ; Graduating 4 inches	...	...	...	each	-/7
Leather Washer Cutters for the Brace	...	...	...	each	4/- 5/-

## The New Standard Gauge.



Adopted by the Board of Trade and authorised by H.M. Order in Council as the Legal British Standard Gauge.

Sizes.	Oblong.	Round.	
Nos. 1 to 26	6/-	7/- each.	
" 1 to 30	7/6	8/6	"
" 1 to 36	10/6	12/-	"
" 1 to 40	12/6	14/-	"
" 18 to 40	7/6	8/6	"
Round Pocket Wire and Nail Rod Gauge	...	...	10/6
Slide Oblong Gauge and Callipers, 1 to 26	...	...	10/6
Ladies' Round Pin Gauge, 8 to 22	...	...	4/6
Screw Gauge, round holes, 1 to 30	...	...	12/6

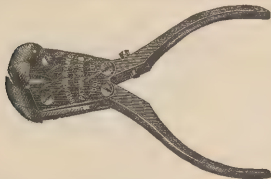
MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



City Guilds Technical Institute, Health Exhibition, 1884.

## Double Compound Lever Cutting Nippers.

Powerful and Durable Every Pair Warranted to Cut Steel Wire.



These Nippers are made entirely of the very finest quality of steel, the different parts being drop-forged.

No. 1.	Size, 4 inches ;	Cut Wire, $\frac{1}{8}$ inch diameter	...	...	4/3
" 2.	" 5 "	" $\frac{3}{8}$ "	...	...	5/-
" 4.	" 7 "	" $\frac{5}{8}$ "	...	...	8/-

## Best Clock Screw Plates.



Black.				Bright.			
Sizes.		Plain.	Notched.	Sizes.		Plain.	Notched
6 ...	...	each 2/-	3/-	6 ...	...	each 2/6	3/6
7 ...	...	" 2/6	3/8	7 ...	...	" 3/-	4/2
8 ...	...	" 3/-	4/4	8 ...	...	" 3/6	4/10
9 ...	...	" 3/6	5/-	9 ...	...	" 4/-	5/6
10 ...	...	" 4/-	5/8	10 ...	...	" 4/6	6/2
11 ...	...	" 4/6	6/4	11 ...	...	" 5/-	6/10
12 ...	...	" 5/6	7/6	12 ...	...	" 6/-	8/-
18 ...	...	" 6/6	8/8	13 ...	...	" 7/-	9/2
14 ...	...	" 7/6	9/10	14 ...	...	" 8/-	10/4
15 ...	...	" 8/6	11/6	15 ...	...	" 9/-	11/6
16 ...	...	" 9 6	12 2	16 ...	...	" 10/-	12/8

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

Best Watch Screw Plates.

5 sizes	...	...	each 1/6	9 sizes	...	...	each 3 6
6	"	...	" 2/-	10	"	...	" 4/-
7	"	...	" 2/6	11	"	...	" 4/9
8	"	...	" 3/-	12	"	...	" 5/-

Combination Calipers.



Outside or inside.

Sizes	...	...	2	3	4	5	6 inches.
Price	...	...	1/-	1/4	1/6	1/9	2/- each.
Combination Calipers, with Set Screw and Guide, New Pattern, Bright -							
Sizes	...	3	4	5	6	7	8 10 inches.
Price	...	1/9	2/-	2/8	2/8	3/6	4/6 6/- each.
Calipers, Single-ended or Egg-shaped, Bright—							
Sizes	...	2 1/2	3	3 1/2	4	4 1/2	5 6 inches.
Price	...	1/-	1/-	1/-	1/-	1/2	1/3 1/6 each.

Universal Pincers (all Steel).



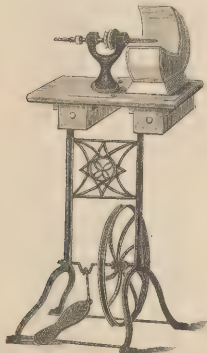
Combining Tower Pincers, Gas and Burner Pliers, Cutting Pliers, Side Cutters for ordinary and hard wire, and Rimer and Turnscrew.

Length, 7 3/4 inches. Price 8/- per pair.

Tower Pincers, ordinary pattern, best	5	6	6 1/2	7	7 1/2	8	9 inches.
	-/9	-/11	1/-	1/1	1/4	1/6	2/- pair.
Improved Best Lancashire	...	5	6	7	8	9 inches.	
	1/3	1/6	1/9	2/-	2/-	per pair.	
		7	8	9 inches.			
Best Tower Cutting Nippers...	...	1/6	2/-	2/6	per pair.		
Do. Manchester do., Solid Steel	...	3/8	4/-	4/6	ditto		

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## Jewellers' Tools.



Foot Lathe for Polishing, Drilling, Scratch Brushing, etc.; with or without Hood. All, as Illustrated, £8 7/-



Small Hand Lathe, for Polishing, Drilling, and Scratch Brushing, arranged in Deal Box; with Drills, Buffs, Scratch Brush, etc. Price 16 6.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

**PRIZE MEDAL** for Excellence of Tools—Wood and Metal Workers', &c.



Chest of 12 Drawers for Tools.

Dimensions: Height,  $14\frac{3}{4}$  in.; width,  $12\frac{1}{2}$  in.; depth,  $9\frac{1}{4}$  in. Price 10,-



Chest of 14 Drawers for Tools.

Dimensions: Height,  $18\frac{1}{4}$  in.; width,  $12\frac{1}{2}$  in.; depth,  $9\frac{1}{4}$  in. Price 11 -

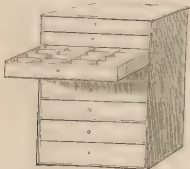


Chest of 6 Drawers. Made from Yellow Deal; Brass Knobs.

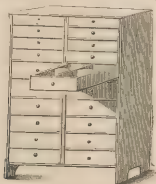
Dimensions: Height,  $13\frac{1}{2}$  in.; width,  $11\frac{3}{4}$  in.; depth, 11 in. Price 13 6.

**MELHUISS'S**, Fetter Lane, Holborn Circus, E.C.

City Guilds Technical Institute, Health Exhibition, 1884.



Chest of 8 Drawers. Made from Yellow Deal; Brass Knobs.  
Dimensions: Height,  $17\frac{1}{2}$  in.; width,  $11\frac{3}{4}$  in.; depth, 11 in. Price 17/-



Chest of 20 Drawers.  
Dimensions: Height, 22 in.; width,  $12\frac{1}{2}$  in.; depth, 7 in. Price 14/-



Walnut Box, price 3/3.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools Wood and Metal Workers',



Chest of 24 Drawers.

Dimensions: Height,  $26\frac{3}{4}$  in.; width,  $12\frac{1}{2}$  in.; depth, 7 in. Price 16, 6.

These Chests are also made with 30 and 36 Drawers.



Chest of 20 Drawers.

Dimensions: Height, 29 in.; width,  $11\frac{1}{2}$  in.; depth,  $10\frac{1}{2}$  in. Price 22, 6.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.



Chest of 16 Drawers for Tools, with Door.  
 Dimensions: Height,  $17\frac{1}{2}$  in.; width,  $11\frac{3}{4}$  in.; depth, 10 in. Price 15/6.



Chest of 4 Drawers for Tools. Yellow Deal: Brass Knobs.  
 Dimensions: Height,  $10\frac{1}{2}$  in.; width,  $12\frac{3}{8}$  in.; depth,  $10\frac{3}{8}$  in. Price 9/6.

Chest of  
 16 Drawers for  
 Tools.



Dimensions:  
 Height,  $17\frac{1}{2}$  in.;  
 width,  $11\frac{3}{4}$  in.;  
 depth,  $9\frac{1}{4}$  in.  
 Price 13/6.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',



Chest of 24 Drawers.

Dimensions: Height, 27 in.: width,  $11\frac{1}{2}$  in.: depth,  $10\frac{3}{4}$  in. Price 25 6.



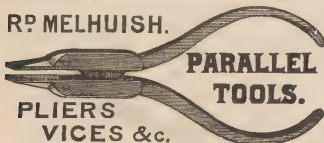
Chest of 20 Drawers for Tools.

Dimensions: Height,  $20\frac{3}{4}$  in.; width,  $11\frac{3}{8}$  in.; depth,  $9\frac{1}{4}$  in. Price 16/-  
Any of these Chests can be made to order with any number of Drawers, or  
to fit any space.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.



**R. MELHUISH.**



Every mechanic has experienced great inconvenience in endeavouring to hold a piece of metal with the old-style pliers, without blurring the corners or surface. It will be seen that this tool, from the parallelism of the jaws and the great amount of surface grip, entirely overcomes this serious objection, affording a firm, solid hold upon the work, while the mechanical construction is of such a nature, that from two to four times the power can be applied.

Black	...	...	$4\frac{1}{2}$	$5\frac{1}{2}$	$6\frac{1}{2}$ inches.
Nickel-plated	...	...	8/-	8/9	5/- pair.
			4/6	5/8	6/6 "

**Improved Cutting Pliers—**

5	$5\frac{1}{2}$	$5\frac{3}{4}$	6	$6\frac{1}{2}$	7	8	9	10 inches.
1/9	1/9	1/10	2/-	2/6	3/8	4/8	6/-	8/- each.
Patent Flat-nose Pliers for Glass	...	...	...	...	...	...	...	3/- and 3/6 pair.
" Pliers for Bicycle Spokes	...	...	...	...	...	...	...	2/3 "



Best quality, Flat or Round-nose,  
are the same prices.

$\frac{1}{4}$	$4\frac{1}{2}$	5	$5\frac{1}{2}$	6	$6\frac{1}{2}$	7	$7\frac{1}{2}$	8 inches.
1/-	1/-	1/-	1/2	1/6	2/-	2/4	2/9	3/6 each.



**Bellhangers' Pliers, Flat or Round-nose, cutting side—**

$3\frac{1}{2}$	4	$4\frac{1}{2}$	$4\frac{3}{4}$	5	$5\frac{1}{2}$	$5\frac{3}{4}$	6	$6\frac{1}{2}$	7	8 inches.
1/6	1/6	1/6	1/8	1/8	1/8	1/10	2	2,2	2/8	3/3 4- each.

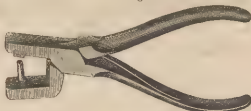
**MELHUISH'S, Fetter Lane, Holborn Circus, E.C.**

**PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'.**

**Nipper Cutting Pliers—**

4	4½	5	5½	6	6½	7	8 inches.
1/9	1/9	1/9	2/-	2/4	3/-	3/6	4/6 each.

We can supply any of the above Pliers, bright, at an extra charge of - 4.  
Also each pair is fully warranted; if in any way faulty we immediately exchange.



Bright Spring Punch Pliers, the Punches drilled out of solid steel ... 1/9 2/- 2/6 3/- each.

Improved Spring Punch, with 6 Punches fitted in handle, and Wrench, all assorted sizes ... 6/- complete.

Bright Spring Pliers for Button Holes, round or oval cutters, from ½ in. to 1 in. ... from 2/6 each.

Eyelet Pliers ... 1/6 1/9 and 2/- „

Shoe, Saddlers', and Harness Punches—

Nos.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	-/5	-/5	-/5	-/5	-/5	-/5	-/6	-/7	-/8	-/9	-/10	1/-	1/2	1/4	1/6	1/9 each.
												½	⅝	¾	⅞	1 inch.

Oblong or Trace Punches ... 1/6 1/9 2/- 2/3 2/6 each.

Best Oval, Star, and Wadding Punches. Pinking Irons and Punches.

**Hill's Cutting Pliers.**



Recommended as Strong and Useful.

The 6 inch for Bellhangers, &c.  
The 9 inch and 12 inch for Wire Fencing and Telegraph Work. The 12 inch will cut to ¼ inch.

Price, 6 inch, 2/-; 9 inch, 4/6; 12 inch, 9/-

**Improved Carpet Stretchers.**

With Bent Blades.

8	10	12 teeth.
1/9	2/-	2/3 each.

**MELHUISH'S, Fetter Lane, Holborn Circus, E.C.**

## Registered Combination Pliers.

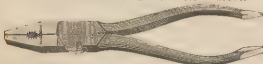
The most complete and useful yet introduced, combining the Bellhangers' Cutting Pliers with Wire Cutters at the side, and the Gas-burner Pliers. We also make them with Turn-screw and Rimer. Warranted Steel.



No. 1.—6 inches, 2/4; 7 inches, 2/7 each.  
Bright, 6 do. 2/6; 7 do. 2/10 „



No. 2.—Round Nose. Same Prices as above.



No. 3. 7 inches, 2/10 each. Bright, 3/2 each.

## Best Burner and Gas Pliers (Bright).



8-in., 2/4, 10-in., 8/- each.



5-in., 1/- each.



Improved Combination Steel Gas Pliers, Pipe Opener, Screw Driver, and to Cut Wire. Very Powerful.

Size	...	...	6	6½	7	8 inches.
Price	...	...	2/6	3/3	4/-	5/- per pair.
Common Gas Pliers			7	8	9	10 inches.
			1/4	1/8	2	2/3 per pair.
Cup and Ball Pliers			...	...	...	2/9 ditto
Gas Tongs	...	...	1/6	1/10	2/8	2/6 3/- 3/8 4/9 5/3 5/9 per pair.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## Compasses.



Cheap Bright Wing Compasses . . . . . 1/- 1/6 2/- 2/6 each.

Wing Compasses (best Lancashire)—

4	5	6	7	8	9	10	11	12	14	16	18	20	22	24 inches.													
1	4	1	4	1	9	2	-	2	4	2	6	3	-	3	9	4	3	4	10	5	4	6	-	6	9	7	6 each.



Plain Compasses (best Lancashire) -

4	5	6	7	8	9	10 inches.
1/-	1/-	1/3	1/6	1/9	2/-	2/3 each.

This illustrates our new Hardwood Handle in bright iron socket, with set-screw for rigidly holding Warding and other Files. Made in three sizes.  
Price -/9, 1/2, 1/6 each.



## Files and Rasps.

Warranted Best Sheffield Manufacture.

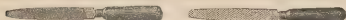
Best Horse Rasps, 13 in., 1/3; 14 in., 1/5; 15 in., 1/9 each.

Flat and Half Round Rasps same Price as Flat Bastard Files. Cabinet Files and Rasps same Price as Flat Smooth Files.

A large Assortment always in Stock. Special Prices for Quantities.

Best Machine and Reaper Files from 5/6 per dozen.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.



Round and Square Bastard—

4	5	6	6½	7	8	9	10	11	12	13	14 inch.
- 8½	- 4½	- 5½	- 6½	- 7	- 8	- 9	- 11½	1 1½	1 3	1 6	1/9 each.

Half Round and Flat Bastard—

- 8½	- 4½	- 5½	- 6½	- 7	- 8	- 9	- 11½	1 1½	1 3	1 6	1/9 „
------	------	------	------	-----	-----	-----	-------	------	-----	-----	-------

Half Round and Flat, Second Cut—

- 4½	- 5½	- 6½	- 7½	- 8	- 9½	- 10	1/1	1/3	1/5	1/8	1/11 „
------	------	------	------	-----	------	------	-----	-----	-----	-----	--------

Cabinet Files and Rasps, Assorted, Cut—

- 5½	- 6	- 7	- 8	- 9	- 10	- 11½	1/2	1/5	1/8	—	— „
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Hand Files, one safe Edge Bastard—

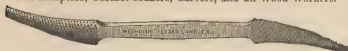
- 4	- 5	- 6½	—	- 8	- 9	- 11½	1 1½	1/4	1/6	—	— „
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Hand Files, one safe Edge Second Cut—

- 5	- 6	- 7½	—	- 9	- 10½	1/1	1/3	1/6	1/8	—	— „
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## Rifflers.

For Sculptors, Cabinet-Makers, Carvers, and all Wood Workers.



Prices, -/10, 1/2, 1/6, 2/-, 2/3 each.

## Saw Files.

Best Sheffield, Taper, Single Cut—

3	3½	4	4½	5	6	7	8	9	10 inch.
- 2½	- 2½	- 3	- 3½	- 4	- 5	- 6	- 7½	- 9	1/- each.
2/4	2/4	2/9	3/3	3/9	4/8	5/6	7/-	8/6	11/- doz.

Best Lancashire, Blunt, Double Cut—

- 3½	- 3½	- 4	- 4½	- 5½	- 6½	- 9	1/-	—	— each.
3/6	3/6	3/10	4/4	5/3	6/3	8/6	11/6	—	— doz.

## Patent Steel Pianoforte Wire.

On account of the recent introduction of the Parcels Post, we are enabled to supply small quantities of the Patent Steel German Pianoforte Wire at the following very favourable prices, delivered free, and on receipt of stamps or P.O.O. for the amount ordered, the same will be forwarded :

1 lb., 3/6 ; 2 lbs., 6/6 ; 4 lbs., 12/- ; 6 lbs., 18/-

The quality of this Wire leaves nothing to be desired, and we are confident that, after well testing the same, you will fully endorse this opinion.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools - Wood and Metal Workers'.



## London Pattern Quoits.

They are not irregular, like hand-made, but turned perfectly true.

Best Bright Hard Polished—

4	4½	5	5½	6	6½	7	8	9 lbs.
3 9	4 3	4 9	5 3	5 9	6 3	6 9	7 9	8½ per pair.

Warranted Best Polished Steel—

3	3½	4	4½	5	5½	6	6½	7	7½	8	9 lbs.
5 -	5 -	5 -	6 -	6 6	6 10	7 6	8 -	9 -	10 -	11 -	12 per pair.

Quoit Pins, galvanized, plain ... 1/4 per pair.

Ditto ditto split to hold paper ... 1/9 ditto

10 12 inches.

Measuring Compasses, with wing, black ... 3 6 4 6 per pair.

Ditto ditto ditto bright ... 3/9 4/9 ditto

Ditto ditto nickel-plated ... 4/6 5/6 ditto

## Glaziers' Diamonds.

Best London made. Warranted.

PRICES.				No. 1. Large Sparks.	No. 2. Small Sparks.	No. 3 Common Quality.
Crown Diamonds for Glass under ½ inch				15	12 6	10 - each.
Sheet ditto ditto ¼ "				20/-	17/6	"
Plate ditto ditto from ¼ to ½ inch				32/6	25/-	"

## New Style Glass Cutter (Cheap).



This Cutter has an Ebonyized Wood Handle. It works on the same plan as the ordinary Diamond Cutter with a loose head. Price -/9 each.

**Directions for Use.** Lay the glass upon a level surface; see that the wheel is free from dirt and well oiled, so that it revolves freely on the pin. Hold the instrument in nearly perpendicular position, with the end of the middle finger on the lower rest, and the thumb on the upper one. Generally, at first trial, too much pressure is used, which causes the enamel of the glass to fly, and then it will not break so easily. The cut should be made from edge to edge, and commence at the edge to break. In cutting thick glass, it is necessary (as with a diamond) to give a smart tap on the side reverse to the cut and immediately under it, commencing at the edge. The lower rest can be used for this purpose, and the grooves in the holder are used to break off narrow strips which cannot be held by the fingers. The Cutter can be sharpened on a fine oil stone, by placing flatly the side of the wheel and allowing it to revolve, treating both sides alike; but for ordinary purposes this will never be required.

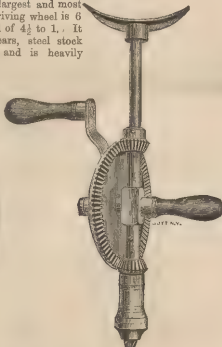
**CAUTION.**—Do not go over the same cut twice, or else the keen edge will be taken off the cutter.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

## Large Breast Drill.

No. 13 Breast Drill is the largest and most powerful Drill made. The driving wheel is 6 inches diameter, giving a speed of  $4\frac{1}{2}$  to 1. It is double-gearred, has cut gears, steel stock and jaws, rosewood handles, and is heavily nickel-plated.

Price £1 1s.



Price £2 2s.

## Hand Drill, No. 1.



These Drills are made of malleable iron, with steel spindle and jaws, and rosewood head and handle. The handle is hollow, forming a box to hold the drills. Six drill points are supplied with each drill. The chuck holds drills from  $\frac{1}{4}$  to  $\frac{1}{2}$  inch diameter. Price 5 6 each.

Archimedeal Drills ... from 1 - to 6/6 each.  
Registered Hand Drill, with 6 C.S. Drills, very powerful for  
drilling metals, etc. ... No. 1, 7/6; No. 2, 11/-

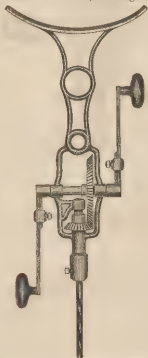
MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

Hand Drill,

No. 2.



Has cut gears, is heavily nickel plated, with rosewood head and handle. The head is hollow, and contains six drill-points. The chuck is same style as the No. 1 Drill, but larger, and will hold firmly drills  $\frac{1}{4}$  inch and smaller sizes. 13 inches long, price 12/- each.



Double Crank Breast Drill.

To meet the demand for a more powerful and more durable breast drill, we now offer this Double Crank Machine, No. 14. It has very heavy cut gears, speeded about two to one, and double cranks, which are adjustable to any length, and by which the power and speed may be regulated as desired.

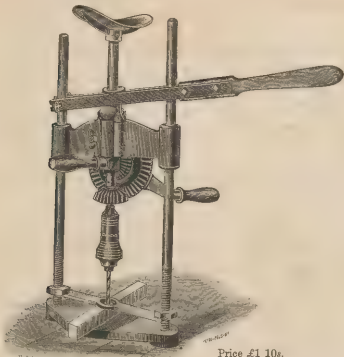
The Breast Plate is twelve inches long, and curved to fit the shape of the body, thus preventing it from swinging around when in use. The hole in the spindle which receives the Drill is one-half inch in diameter. We sell Morse Twist Drills of all sizes, with one half inch shank to fit this machine.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.



## Mounted Breast Drill.

This is our No. 10 Breast Drill, mounted in a Steel Frame. Most of the work done by a Breast Drill can better be done with the Drill mounted in the Frame. When used against the breast it often requires a heavy pressure, which is very fatiguing to the workman. In this arrangement there is a leverage of five to one, which makes the feeding an easy matter. When work is required which cannot be done in the frame, the Drill can be taken out in two seconds, and used in the ordinary way.



Price £1 10s.

The upright rods of the frame are  $\frac{1}{2}$  round steel, 16 inches high and 8 inches apart. As seen in the Cut, the Drill is held true by the Frame, and the work held firmly in place by the clamp. The lever feed is operated by hand, or a weight may be used.

The Drill-stock is of  $\frac{1}{2}$  round steel, heavily nickel-plated. The gears are cut, and are changeable from even to a speed of three to one, as may be desired. The handles are rosewood.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools Wood and Metal Workers',

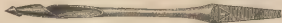
## Automatic Boring Tools.



This instrument is designed for boring wood for various purposes, such as for setting brads, finishing nails, screws, etc., eight bits (or drills, size indicated by dots and numerals above) accompanying each tool. It can be used in many places where the bit brace, gimlet, or bradawl cannot, and is superior to either for the purposes mentioned. Pianoforte and organ builders, as well as cabinet-makers and house carpenters, who have used them all, attest their great value as a tool for doing their work rapidly and perfectly.

When Nos. 1, 2, and 3 are sharpened for drilling metals, they will work with satisfaction in brass and compositions, which makes it a useful tool for dentists, jewellers, and, in fact, all artisans.

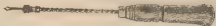
Price, with Drills, 9/- each.



The set of 6 Twist Boring Bits, assorted, from $\frac{1}{8}$ to $\frac{3}{8}$	...	---	1 8
Ditto 12 ditto ditto ditto	...	---	2 4

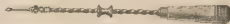
## Automatic Drill Stock.

Price 2/- each.



## Archimedeian Drill Stock and 6 Drills,

In Hollow Handle, 1/6 each.



MELHUISE'S, Fetter Lane, Holborn Circus, E.C.



All sizes, this pattern, from 8/6 down to -/10 each.

## Automatic Drill Stock.

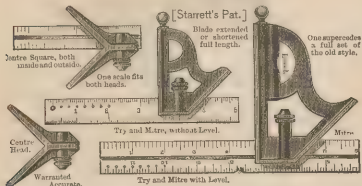


This is a new Invention, and is a most complete Tool for Bracket-saw work. The Stock is made of Rosewood, with Steel Spindle.

The Drill Points are easily adjusted by means of a Brass Thimble, which screws on to the end of the Spindle. It is easily worked with one hand, and will Drill the most delicate Wood without danger of splitting.

Price 8/3 each.

## Patent Combination.

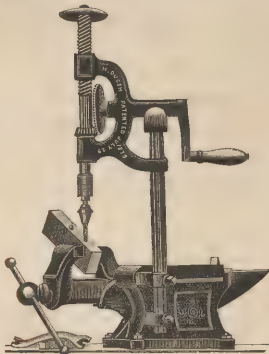


This Instrument contains in itself several convenient and useful Tools, adapted to more uses than can well be described here. Can be used as Try Square, Mitre, Centre Square, Marking Gauge, Steel Scriber, Spirit Level, etc. These Tools are all of standard accuracy.

Prices complete, as illustrated, 6 in., 11/3; 9 in., 13 6; 12 in., 15 9.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

## Combined Anvil, Vice, and Drill.



This Machine is made of the best materials, the Standard and Spindle of Steel, the Anvil and Vice of Cast Iron, with Steel Face and Jaws.

The anvil face, of steel, is 4 by 8 inches, and height 6 inches. Width of Vice Jaw, 8½ inches; Steel Drill Press, with adjustable chuck to hold ¼-inch Drills, and all smaller sizes. The article to be drilled can be held firmly in the vice, so as to be drilled at *any angle*, or if it is too large for the vice, it can be drilled on the anvil. The drill may be removed when not in use.

Distance from the Standard to Drill	...	...	...	4½ inches.
" " Vice to Drill Spindle	...	...	...	10 "
" " Anvil	...	...	...	12 "

### PRICES:—

Anvil, Vice, and Drill complete, weight 80 lbs.	...	...	...	£4 4s.
Anvil and Vice only, weight 60 lbs.	...	...	...	£2 6s.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.



## Smiths' Forge.

With Hoods, requiring no Brickwork, for use with Blower, or ordinary Bellows, or Power Blast.

No.	Size of Pan.				Price.		
	feet	in.	feet	in.	£	s.	d.
A	6	0	by	3	9	14	0
B	4	6	"	3	6	12	10
C	3	6	"	2	8	10	0

Improved Stand Pipe for Power Blast, 80/- each extra.

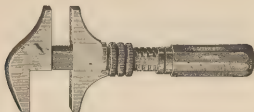
If fitted with Cistern and Water Tsyere, 60/-extra.

## Best Round Steel Wire (Bright).

All sizes to			per lb.					per lb.	
			s.	d.				s.	d.
No. 15	...	...	2	6	No. 66 to 68	...	...	10	0
" 16 to 80	...	...	2	9	" 69 to 70	...	...	11	0
" 81 to 88	...	...	3	0	" 71 to 73	...	...	12	0
" 89 to 46	...	...	3	6	" 74...	...	...	13	0
" 47 to 50	...	...	4	0	" 75...	...	...	13	6
" 51 to 54	...	...	4	10	" 76...	...	...	14	0
" 55 to 57	...	...	6	0	" 77...	...	...	15	0
" 58 to 60	...	...	7	0	" 78...	...	...	16	0
" 61 to 62	...	...	8	0	" 79...	...	...	17	0
" 63 to 65	...	...	9	0	" 80...	...	...	18	6

## The "Ready" Bicycle Wrench.

NICKEL PLATED.



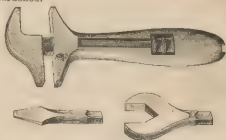
Length, 15 inches; Weight 6 oz.; 1/10 each.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

**PRIZE MEDAL for Excellence of Tools Wood and Metal Workers'.**

## Registered Compound Spanners.

Specially adapted to the requirements of Cyclists and Mechanics, as they are quickly adjusted and will not slip; are strong and light and well fitted. The jaws are hardened.



Length ...	...	...	...	4½	6	8 inches.
Weight ...	...	...	...	7	13	23 oz.
Black ...	...	...	...	1/6	2/-	2/6 each.
Nickel-Plated ...	...	...	...	2/-	—	— "

With Turncrew and Spanner for intricate places, 4½, Black, 2 - ;  
Nickel-Plated, 2/6 each.

## Improved Railway Wrench or Spanner.

Extract from "THE ENGINEER," July 4th. 1884.

For this design it is claimed that being fitted with the Clyburn Spanner motion, but otherwise having rigid parts, it can be adjusted to its work easily, and when set will remain so. It is also pointed out that in the ordinary wrench the screw on the leg and the cutting in the body to admit the ring, weakens the tool where strength is most required, while in this wrench these defects are removed, and the whole strength of the tool is made available. Another defect of the ordinary wrench is avoided in that illustrated, namely, the handle is made fast to the body, which gives the user a more certain grip of the tool and a more confident command of it. The firmness of the wrench in work makes it unnecessary to cut the jaws, so that it can be applied to bright work without injury.



No. 18...	...	...	...	8	10	12 inches.
Span ...	...	...	...	1½	1½	2 "
Price ...	...	...	...	4/8	5/-	6/- each.

**MELHUISS'S, Fetter Lane, Holborn Circus, E.C.**

## Compound Coach Wrenches.

They save time in adjustment, and will span considerably more than any other Wrenches of similar sizes.



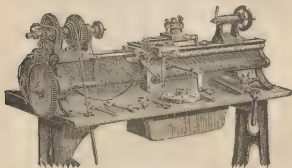
Length ...	...	...	8	10	12	14 inches
Span ...	...	...	2	2½	3½	4 "
No. 1 ...	...	...	6/6	7/6	8/-	11/- each.
No. 2, Double Action	...	...	7/9	8/8	10/3	13/- "

(Other Wrenches, page 169.)

## LONDON-MADE LATHES.

Strong, Serviceable, Easy Running, for Foot Power. All Plain Japanned.

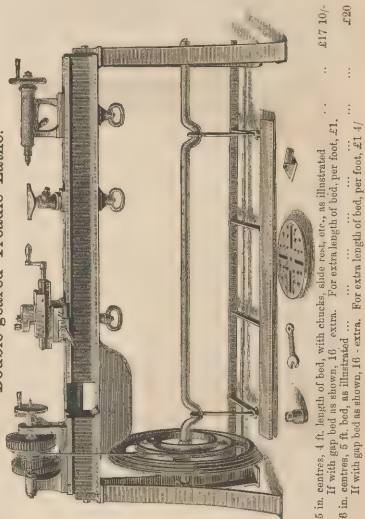
### Foot-power Self-traversing Screw-cutting Gap Bed Lathe, Back-geared.



3½ in. centres, 3 ft. 6 in. bed	...	..	...	...	...	£22 10/-
4½ in. ,, 4 ft. bed	...	...	...	...	...	£28
5½ in. ,, 5 ft. ,,	...	...	...	...	...	£32

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

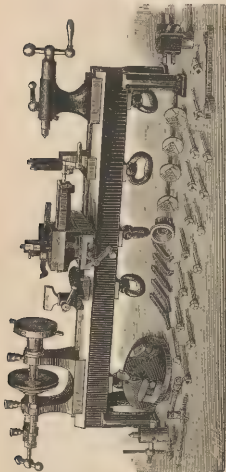
Double-geared Treadle Lathe.



MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



## High-Class Lathe, of Accurate Design and Finish.



This new Lathe has a Double Bed 8 feet in length; if required it can be made longer. The height from the bed to the centre is  $3\frac{3}{4}$ . One bed is triangular, and the other is flat, to facilitate the adjustment of the different Rests.

Brass Oil Cups (covered), for Bearings.

The Arbor is double-tapered, and—including the bushing—is of Cast Steel, tempered in all the working parts. The Arbor is hollow, a form which offers many advantages; and the Poppet Stock carries a Sliding-Spindle adjusted by a Screw. The Rest may be used on both sides; the Lathe is supported on Iron Feet, which stand upon the Bench.

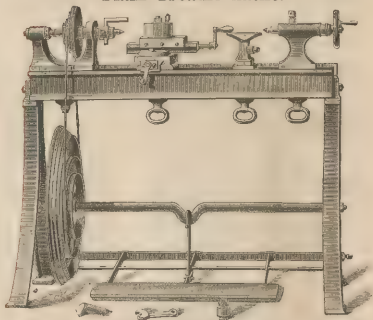
Price, all complete, as illustrated, £20 15/-

If desired, this Lathe can be supplied Mounted on an Oak Stand with Iron Feet, Treble-Grooved Wheel and Crank-Axle, Treadle, Bands, etc., in complete working order, at an extra charge of £4 10/-

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

### Plain Treadle Lathe.



3½ in. centres, 3 ft. length of bed	...	...	...	...	£7 15/-
Extra for slide rest,	£1 5/-				
4½ in. centres, 3 ft. length of bed	...	...	...	...	£8 10/-
Extra for slide rest,	£4 10/-				
5 in. centres, 3 ft. 6 in. length of bed	...	...	...	...	£10
Extra for slide rest,	£5.				
6 in. centres, 4 ft. length of bed	...	...	...	...	£12
Extra for slide rest,	£5 15/-				

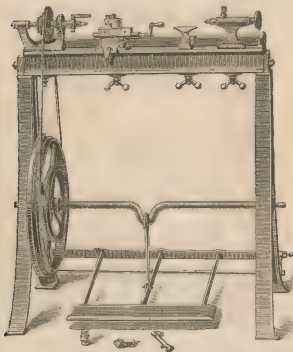
### Best Finished Foot-power Lathes,

With Gun-metal divided Pulleys, 3 Gun-metal Chucks, 2 Iron ditto, and 2 Tees, Mahogany Polished Tool-board.

3½ in. centres, 3 ft. flat bed	...	...	...	...	£10 10/-
4 in. " 3 ft. "	...	...	...	...	£13 10/-
4½ in. " 3 ft. 6 in. flat bed	...	...	...	...	£18
5 in. " 4 ft. "	...	...	...	...	£20

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## Plain Treadle Lathe.



9½ in. centres, 2 ft. 6 in. Bed, Double Flat, with Spanner, Chucks, etc.  
Price £6 10/- If with Slide Rest, £3 extra.

## Fancy Woods for Turning and Carving.

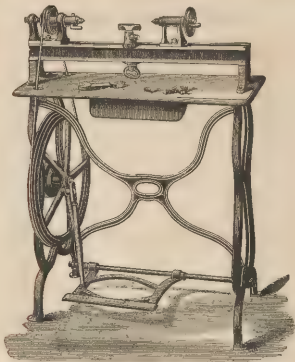
All kinds and descriptions of Fancy Woods for Turning and Carving, in parcels of 5 and 10 - each, forwarded to any address, such as Boxwood, Cocus, Ebony, Kingwood, Lignum Vitæ, Rosewood, Satin, Tulip, etc.

Kingwood, Ebony, Rosewood	...	...	...	...	-/4 per lb.
Boxwood, Lignum, Cocus, Satinwood	...	...	...	...	-/8 "

Prices quoted for Special Lots on application.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',



No. 2.

24 inch Bed, 2½ inch Centres, turning 14 inch long by 5 inch in diameter.  
Stand, Flywheel, and Treadle, complete, £8 12/-

No. 8.

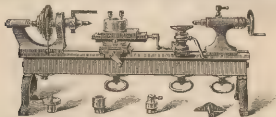
30 inch Bed, 3 inch Centres, turning 18 inch long by 6 inch in diameter.  
Stand, Flywheel, and Treadle, complete, £14 8/-

The above Prices include Carriage.

These Lathes are first-class, well finished, with machine-planed Iron Bed. Head Stock has Cast Steel Mandril with Conical Neck and Adjusting Screw and Lock Nut to take up Wear, 3-speed Bright-turned Cone Pulley, Hardened Centres, Driver Chuck, Cylinder Mandril with Square thread Traverse Screw to Tail Stock, Hand Rest and Two Tees. Substantial Iron Stand with Polished Wood Top and Tool Drawer, Turned Speed Flywheel and Easy Treadle Motion.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

### Bench Lathe.



Length of Bed 2 ft. 3 in., with Gun-metal Divided Pulley, Index Pointed,  
Two Gun-metal Chucks, Two Iron T Hand Rests, price £5 10 -

If with Slide Rest, £3 8/- extra.

This same Lathe, mounted on Iron Standards, Polished Mahogany Board and Treadle, complete, £2 5/- extra.



Lathe Dog or Carrier.

For Small Lathes, Jewellers, Amateurs, etc.

They are made of steel, with hardened steel screws. The hole is bored to size. The whole is hardened. The slot opposite the screw is for the purpose of taking a firmer hold of the work, and answers the purpose well.

No. 1.— $\frac{3}{8}$ inch bore	...	...	...	1/4 each.
" 2.— $\frac{1}{2}$ ditto	...	...	...	1/8 "
" 3.— $\frac{3}{4}$ ditto	...	...	...	2/- "
" 4.—1 ditto	...	...	...	2/6 "

Bright Lathe Carriers and Steel Screws.

Size	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{2}$ inches.
Price	1/6	1 9	2 3	2 6	3 -	4 -	5 -	6 - each.

## Ratchet Braces.

						12	14	16 inches.
Warranted Quality ... ..	...	...	...	...	...	14 6	16 10	19 8 each.
						$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$
						$\frac{5}{8}$	$\frac{7}{8}$	1 inch.
Cast Steel Drills for R. Braces	..	...	...	...	...	10/3 dozen, or 1 4 each.		

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools--Wood and Metal Workers'.



## Cast Steel Hooks and Eyes.

For Round Belts.

Sizes	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	inch.
Prices	6	6	6	7	8	1	1 6	2 8 pair.

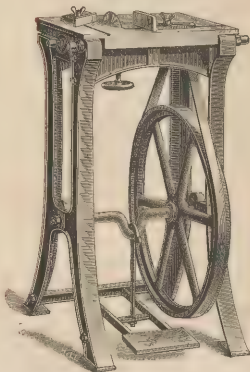
## Gut.

Best Gut for Lathes and Machinery.

$\frac{1}{8}$  inch, 2/-;  $\frac{1}{4}$  inch, 1/2;  $\frac{3}{8}$  inch, -/8;  $\frac{1}{2}$  inch, -/5 per yard.

Large Sizes.

$\frac{1}{2}$  inch, 2/3;  $\frac{3}{4}$  inch, 2/6;  $\frac{7}{8}$  inch, 3/6;  $1$  inch, 4/6 per yard.



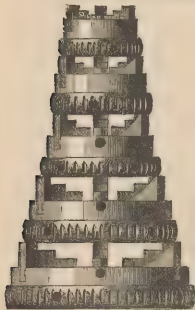
## Treadle Circular Saw Bench.

With Rising and Falling Table, Moving Fence, and Guide for Cutting Mitres. Will take from 5 to 8 inch Circular Saw.

Price £8 10/-

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## Improved Amateur Chucks.



We illustrate all the sizes made in these Chucks, and you will find they are remarkably cheap; also neat in design, and are intended for amateurs' use, on foot and light power Lathes, and for all classes of light work. They are strong and durable, the shell being made of malleable iron, and the scroll and jaws of steel. They are intended for attachment by means of a face plate. They operate by hand or leverage at holes, as the illustration.

Diameter.	Weight about.	Price. With Lathe Jaws (as shown in sketch.)	Price. With Lathe and Drill Jaws.
2 in.	$\frac{3}{4}$ lb.	19/-	24/-
2½ in.	1½ lb.	21/-	26/-
3 in.	1½ lb.	23 -	28
4 in.	3½ lb.	27/-	34/-
5 in.	5 lb.	32/-	38/-

Above Prices include Levers and Face Plate Screws.

We supply the face plates to fit head of lathe.

## Morse Twist Drill with Lip and Spur for Wood Boring.



The Twist Drills are now made with a Centre Point and Side Lips for Boring in Wood, as shown in above Cut. They will be found far more serviceable than the Ordinary Machine Bits for all kinds of Wood-boring.

They will bore straight and true, and will not run out with the grain. The Centre and Lips can be renewed as they wear.

Size.	Length.	Price.	Size.	Length.	Price.	Size.	Length.	Price.
$\frac{1}{8}$ in.	3 in.	1/0	$\frac{1}{4}$ in.	4½ in.	2/3	$\frac{3}{8}$ in.	6½ in.	4/3
$\frac{3}{16}$ "	3½ "	1/2	$\frac{1}{2}$ "	5 "	2/7	$\frac{1}{2}$ "	6½ "	4/11
$\frac{1}{4}$ "	3½ "	1/4	$\frac{3}{4}$ "	5½ "	2/11	$\frac{3}{4}$ "	7 "	5/11
$\frac{5}{16}$ "	3½ "	1/6	$\frac{1}{2}$ "	5½ "	3/2	$\frac{1}{2}$ "	7½ "	7/0
$\frac{3}{8}$ "	4 "	1/8	$\frac{3}{4}$ "	5½ "	3/5	$\frac{1}{2}$ "	8 "	10/0
$\frac{1}{2}$ "	4½ "	1/10	$\frac{1}{2}$ "	6 "	3/8	$\frac{1}{2}$ "	8½ "	12/9
$\frac{5}{8}$ "	4½ "	2/0						

Patent Chucks for holding these Drills for a Lathe, from 20/- each.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

**PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',**

**Drill with Taper Shank to fit Sockets.**

**STRAIGHT SHANKS.**

**STRAIGHT SHANK  
DRILLS TO STUBS'  
LETTER GAUGE.**

**STUBS' STEEL WIRE GAUGE,  
STRAIGHT SHANKS.**

Diameter of Drills.	Length of Drills.	Price per Drill	Letter.	Price per Drill.	Price per Dozen	Nos. of Wire the Drills are made from	Entire Length of Drills	Price per Drill.	Price per Dozen.
Inch.	Inch.						Inch.		
$\frac{1}{16}$	2	0/4	A	1/1	12/3	1 to 5	4	9d	8/7
$\frac{1}{8}$	2 $\frac{1}{2}$	0/5	B	1/1	12/6	6 to 10	3 $\frac{1}{2}$	8d.	7/10
$\frac{3}{16}$	2 $\frac{1}{2}$	0/6	C	1/1	12/9	11 to 15	3 $\frac{1}{4}$	7d.	7/-
$\frac{1}{4}$	3 $\frac{1}{4}$	0/7	D	1/2	13/-	16 to 20	3 $\frac{1}{4}$	7d.	6/1
$\frac{5}{16}$	3 $\frac{1}{4}$	0/8	E	1/2	13/3	21 to 25	3	6d.	5/5
$\frac{3}{8}$	4	0/10	F	1/2	13/6	26 to 30	2 $\frac{1}{2}$	6d.	5/5
$\frac{7}{16}$	4	1/2	G	1/2	13/9	31 to 35	2 $\frac{1}{2}$	5d.	4/6
$\frac{1}{2}$	4 $\frac{1}{2}$	1/3	H	1/3	14/-	36 to 40	2 $\frac{1}{2}$	5d.	4/6
$\frac{9}{16}$	4 $\frac{1}{2}$	1/4	I	1/3	14/3	41 to 45	2 $\frac{1}{8}$	4d.	3/8
$\frac{5}{8}$	4 $\frac{1}{2}$	1/7	J	1/3	14/6	46 to 50	1 $\frac{1}{2}$	4d.	3/8
$\frac{3}{4}$	5	1/11	K	1/3	14/9	51 to 65	1 $\frac{1}{2}$	3d	2/9
$\frac{7}{8}$	5 $\frac{1}{4}$	2/1	L	1/4	15/-				
$\frac{15}{16}$	5 $\frac{1}{2}$	2/3	M	1/4	15/3				
1	5 $\frac{1}{2}$	2/5	N	1/4	15/6				
	6	2/8	O	1/5	15/9				
	8	3/4	P	1/6	16/-				
	8 $\frac{1}{2}$	3/9	Q	1/7	17/-				
	8 $\frac{3}{4}$	4/2	R	1/8	18/6				
	8 $\frac{7}{8}$	4/8	S	1/9	20/-				
	9	5/1	T	1/10	21/-				
	9 $\frac{1}{4}$	5/6	U	1/11	22/-				
	9 $\frac{1}{2}$	5/11	V	2/-	22/9				
	9 $\frac{3}{4}$	6/4	W	2/1	23/6				
	10	7/1	X	2/3	24/3				
	10	7/7	Y	2/3	25/-				
	10 $\frac{1}{4}$	8/1	Z	2/4	25/6				
	10 $\frac{1}{2}$	8/8							
	10 $\frac{3}{4}$	9/3							
	10 $\frac{7}{8}$	9/10							
	10 $\frac{15}{16}$	10/5							
	11	11/0							

**BIT STOCK DRILLS**

Size	Price per Drill	Price per Doz
$\frac{1}{16}$	-/7	5/9
$\frac{1}{8}$	-/8	6/4
$\frac{3}{16}$	-/9	7/8
$\frac{1}{4}$	-/10	9/-
$\frac{5}{16}$	1/-	10/6
$\frac{3}{8}$	1/2	12/6
$\frac{7}{16}$	1/6	17/-
$\frac{1}{2}$	1/8	19/8
$\frac{9}{16}$	1/10	21/6
$\frac{5}{8}$	2/-	23/9
$\frac{11}{16}$	2/3	26/-
$\frac{3}{4}$	2/6	28/6
$\frac{7}{8}$	2/9	31/6
$\frac{15}{16}$	3/-	35/-
1	3/4	39/-

**PATENT TWIST DRILLS.**



**MELHUISE'S. Fetter Lane, Holborn & Circus, E.C.**



## Sets of Drills Mounted on Wood Stands.

Sets of Straight Shank Drills $\frac{1}{8}$ to $\frac{1}{2}$ by 82nds, mounted	...	£	s.	d.
" " " $\frac{1}{8}$ to $\frac{1}{2}$ by 64ths, "	...	2	1	4
" Wire Drills, No. 60 to $\frac{3}{8}$ (65 Drills)	...	1	16	8
" " No. 1 to 60, mounted	...	1	8	6
Half-sets " No. 1 to 60, alternate numbers	...	0	14	8
Jewellers' Set, in case (36 Drills) No. 80 to 65	...	0	18	8
Sets of Drills for Bit Stocks, $\frac{1}{16}$ $\frac{3}{32}$ $\frac{1}{8}$ $\frac{5}{32}$ $\frac{3}{16}$ $\frac{7}{32}$ $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$	...	0	10	6

Lathe  
Spindles,  
with



Circular  
Saws and  
Emery  
Wheels.

No.	Length.	Diameter.			Width.	Thickness.
1. Spindle,	5 in. by $\frac{5}{16}$ in.		Circular Saw, 8 in.	Emery Wheel, 8 by $\frac{1}{4}$ in.		
	<u>2/3 each.</u>		<u>2/6 each.</u>		<u>2/8 each.</u>	
2. -Ditto,	5 in. by $\frac{3}{8}$ in.		Ditto, 4 in.	Ditto,	4 by $\frac{3}{8}$ in.	
	<u>3/3 each.</u>		<u>3/- each.</u>		<u>2/9 each.</u>	
3. -Ditto,	6 in. by $\frac{1}{2}$ in.		Ditto, 5 in.	Ditto,	6 by $\frac{3}{4}$ in.	
	<u>4/6 each.</u>		<u>3/6 each.</u>		<u>4/6 each.</u>	
4. -Ditto,	7 in. by $\frac{5}{8}$ in.		Ditto, 6 in.	Ditto,	7 by $\frac{3}{4}$ in.	
	<u>6/- each.</u>		<u>4/3 each.</u>		<u>6/- each.</u>	
5. -Ditto,	8 in. by $\frac{3}{4}$ in.		Ditto, 8 in.	Ditto,	8 by $\frac{3}{4}$ in.	
	<u>7/6 each.</u>		<u>6/- each.</u>		<u>7/6 each.</u>	

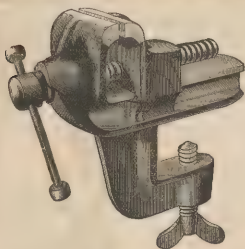
The Saws and Emery Wheels have Centre Holes to suit the Spindles opposite which they are placed.

Above will suit any ordinary Lathe, and being good and substantial Tools, will be useful for either Mechanics or Amateurs.

MELHUISS, Fetter Lane, Holborn Circus, E.C.

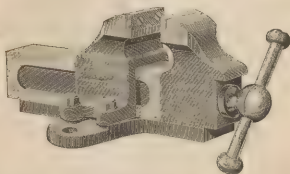


Portable Parallel Vices (as illustrated)—  
8/9 4/9 6/- each.



Rougher Quality—  
No. 1.—To take in 2 inches,  $1\frac{3}{8}$  jaws, 1/9 each.  
No. 2.—" 2½ " 1½ " 2 6 "

### Strong Parallel Bench Vice. With Steel Jaws.



This is a very handy Tool, suitable for Mechanics or Amateurs, and, being properly machined and fitted by competent Engineers in our own workshops, we warrant it to give satisfaction.

	Size A	B	C
Length of Jaws ... ..	$2\frac{3}{4}$	$3\frac{1}{4}$	$3\frac{3}{4}$ inch.
Opening of Jaws ... ..	$3\frac{1}{8}$	4	$4\frac{1}{2}$ "
Depth from Top of Jaws to Top of Slide ...	2	$2\frac{1}{2}$	$2\frac{1}{2}$ "
Weight ... ..	$9\frac{1}{2}$	19	28 lbs. each.
Price ... ..	9/6	15/-	21/- each.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

## Useful Grindstone and Emery Wheel.

The Stone is of the best quality, and runs perfectly true. It is 8 inches in diameter,  $1\frac{1}{2}$  inches thick, and made at the Huran Quarries expressly for this use.

The Emery Wheel is the same size as the Stone, and double-coated on the side and rim with best Wellington Mills Emery.

The Machine is run with a Clutch. When the foot touches the treadle it starts off in the right direction, and runs at a very high or very low rate of speed, as desired. For grinding Carving Knives and all light Tools, and for polishing Cutlery, this Machine is perfect. The legs are made to fold up for shipping, so as to occupy a small space. Weight 26 lb. Price 17/6.



## Grindstones.

Mounted. Bilston and York Stones.

No.	00	Grindstone, mounted on Wood Frame, to work by foot,		
		18 in. diameter by 3 in. thick	...	£1 1/-
"	000	Grindstone, mounted on Wood Frame, to work by hand		
		or foot, 18 in. diameter by 4 in. thick	...	£1 5/-
"	1	Ditto ditto 24 in. by 4 in.	...	£1 15/-
"	2	Ditto ditto 26 in. by 4 in.	...	£2 2/-
"	2	Ditto ditto 24 in. by 4 in., mounted on Anti		
		friction Rollers	...	£2 2/-
"	2	Ditto ditto 26 in. by 4 in.	...	£2 10/-
"	3	Grindstone, in Wood Frame, to work by hand or foot,		
		mounted on Anti-friction Rollers, 2 ft. 6 in. diameter		
		by 5 in. thick	...	£3 10/-
"	4	Ditto ditto 3 ft. diameter 5 in. thick	...	£5 10/-
"	0	Grindstone, mounted on Iron Frame, to work by hand or		
		foot, 18 in. diameter by 3 in. thick	...	£1 6/-

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

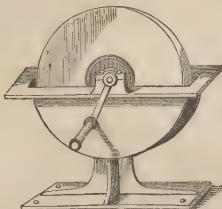
City Guilds Technical Institute, Health Exhibition, 1884.

No.	1	Grindstone, mounted on Iron Frame, to work by hand or foot, 18 in. diameter by 4 in. thick ...	£1 10/-
„	1	Ditto ditto mounted on Anti-friction Rollers ...	£1 15/-
„	2	Ditto ditto 24 in. diameter by 4 in. thick ...	£2 2/-
„	2	Ditto 24 in. diameter by 4 in. thick, on Anti-friction Rollers ...	£2 10/-
„	3	Ditto 26 in. diameter by 4 in. thick ditto ...	£3 3/-
		If fitted with 12 in. Loose and Fast Pulleys, 10/- extra. One 12 in. Pulley, 5/- extra.	
„	4	Grindstone, mounted on Iron Frame, to work by hand and foot, or steam power, 2 ft. 6 in. diameter ...	£4 10/-
„	Ditto	ditto 8 ft. diameter ...	£6 10/-
„	Ditto	ditto 3 ft. 6 in. diameter ...	£8 10/-
		Pulley for Steam Power, 18 in. by 4 in., 15/- extra.	

Grinding Stones—

6	8	10	12	16	18	24	27	30 inches.
1/2	1/6	2/-	2/8	3/6	4/6	6/-	7/-	8/6 each.

Grindstones,



in Iron Frames.

These Grindstones are of the best quality, and have Wrought-iron Spindles, which are fixed in them with a Screwed Nut and Collar Plates, thereby preventing the risk of bursting the Stone, to which they are so liable when wedged, and are made in the following sizes :—

6	7	8	9	10	11	12 inches.
5/6	6/3	7/3	8/-	9/6	13/6	16/6 each.

We are now supplying wide Grindstones, similar to the above, of French manufacture, with Hoods and Cast Iron Frames.

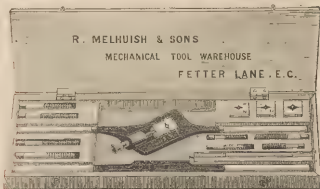
4	5	6	7	8	9	10	11	12 inches.
3/-	3/6	4/-	4/6	6/-	7/6	9/-	12/-	15/- each.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## Stocks and Dies.

For Engineers' use, cutting  $\frac{1}{8}$ ,  $\frac{3}{16}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$  Whitworth Standard Thread, all as illustrated, in Solid Wood Case, with Tap Wrench, etc., price 24 -



We are now sending out a larger and more complete Assortment, consisting of Two Sets of Stocks and Dies, with Taper and Plug Taps, cutting  $\frac{1}{8}$ ,  $\frac{3}{16}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{7}{16}$ ,  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$  in., all made to Whitworth Standard Thread, with Tap Wrench, etc., in Wood Case, complete, price 28/-

Also Two Sets, complete, Stocks, Dies, Taper and Plug Taps, etc., cutting all sizes Whitworth Standard Pitch from  $\frac{1}{8}$  in. up to  $1\frac{1}{2}$  in., in case, price £4 10/-



(For prices, see over.)

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

City Guilds Technical Institute, Health Exhibition, 1894.

The Combination includes all the Tools for fitting  $\frac{3}{8}$ ,  $\frac{1}{2}$ , and  $\frac{5}{8}$  in. brass and copper tubing, and  $\frac{1}{2}$  in. iron pipe. Each Tool is made interchangeable, so that damaged ones may at any time be replaced, or those of different sizes procured.

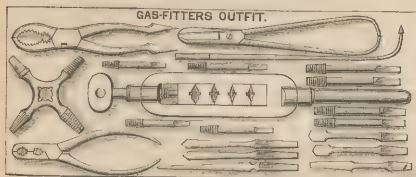
The "Gas-fitter's Outfit" is offered in two sizes, as follows:—

Pattern No. 1 consists of Solid Screwing Dies, which cut a perfect thread at once over, and which are so made as to ensure a true starting of the thread.

Price, complete, in Solid Oak Box, size, 10 in. by 5 in., 80/-

Pattern No. 2 is arranged with Split Screwing Dies and Centre Punch, and is further fitted with a Revolving Pipe Cutter, and with an Adjustable Shaver for removing the burr as it is formed.

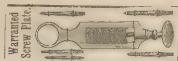
Price, complete, in Strong Oak Box, size 10 in. by 6 in., 48 -; or  
without Adjustable Shaver, 38/-



Gas Stock and Dies, cutting  $\frac{1}{2}$  Iron  $\frac{1}{2}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$  in. Brass Tube; Universal Rimer;  
Universal Gas Pliers, 6 in.; Burner Pliers, 5 in.; Timmen's Slips, 8 in.;  
Blow Pipe, 10 in.

Set of  $\frac{1}{2}$  doz. Bits for Boring Iron. Price complete, 22/6.

No. 30.



Screw Plate.

To cut	...	...	4	5	6	sizes.
	...	...	3/-	3/6	4/-	each.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

No 31.—



Warranted Screw Plate.

To cut 5 sizes

7/6 each.

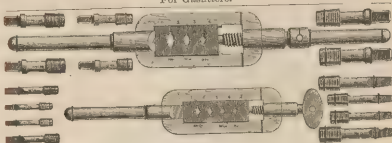


No 32. Amateurs' Stocks and Dies, with Taper and Plug Taps, Wrench.  
Cutting  $\frac{1}{8}$ ,  $\frac{3}{16}$ ,  $\frac{1}{4}$  inch ... 5/9 each.



No. 36.—Gasfitters' Stocks and Dies for cutting Brass Tubing.  
To cut  $\frac{1}{8}$ ,  $\frac{3}{16}$  inch ... 10/-  
" " " " ... 11/-  
" " " " and  $\frac{1}{2}$  inch ... 12/-

A Cheap Set of Warranted Stocks and Dies  
For Gasfitters.

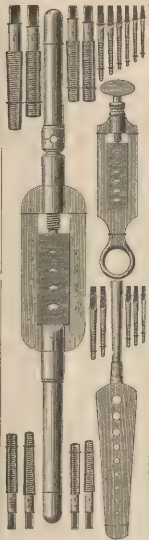


No. 37.—Gasfitters' Complete Set of Stocks and Dies, Cutting  $\frac{1}{8}$ ,  $\frac{3}{16}$ ,  $\frac{1}{4}$ , and  $\frac{1}{2}$  inch Brass Tubing, and  $\frac{1}{4}$ ,  $\frac{3}{8}$ , and  $\frac{1}{2}$  inch Iron Pipe.  
The Full Set ... 33/-

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.



# Complete Set of Screw Tackle.



No. 98.—Comprising 10-Hole Screw Plate, 6-Size Thumb-screw Plate, and Stock and Dies, Cutting  $\frac{1}{8}$ ,  $\frac{3}{16}$ ,  $\frac{1}{4}$ ,  $\frac{5}{16}$ ,  $\frac{3}{8}$ ,  $\frac{1}{2}$  inch. The Full Set, 18/-

# Complete Set of Screw Plates, with Taps.



No. 99.—Cutting all sizes from  $\frac{1}{8}$  to  $\frac{1}{2}$  inch. The Full Set, 11/6.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



## No. 29. Gasfitters' Stocks and Dies for Iron Pipe.

To cut	1	in....	...	...	...	...	14 6
"	1	in.	...	...	...	...	21
"	1	in.	...	...	...	...	35 -
"	1	1 in.	...	...	...	...	47 6
"	1	1 in.	...	...	...	...	67 6
"	1	1 1/2 in.	...	...	...	...	90 -
"	1 1/2	2 in.	...	...	...	...	125 -

## Best Stocks and Dies.

For Engineers' Use (Fully Warranted). Whitworth's Standard Thread.

To Screw—	With Taper and Plug Tap to each size.	With Taper and Plug Tap to each size.	With Taper and Plug Tap to each size.
	£ s. d.	£ s. d.	£ s. d.
1/16 in.	1 0 0	1 4 0	1 9 0
1/8 in.	1 5 0	1 10 0	1 17 0
3/16 in.	1 10 0	1 17 0	2 5 0
1/4 in.	1 15 0	2 3 0	2 14 0
5/16 in.	1 17 0	2 5 0	2 15 0
3/8 in.	1 9 0	1 15 0	2 3 0
7/16 in.	1 10 0	1 17 0	2 5 0
1/2 in.	1 17 0	2 5 0	2 15 0
5/8 in.	1 18 0	2 7 0	2 18 0
3/4 in.	2 6 0	2 16 0	3 9 0
7/8 in.	1 12 6	2 1 0	2 11 0
1 in.	1 19 0	2 9 0	3 1 0
1 1/8 in.	2 0 0	2 10 0	3 3 0
1 1/4 in.	2 3 0	2 14 0	3 9 0
1 3/8 in.	2 8 0	2 19 0	3 14 0
1 1/2 in.	2 16 0	3 10 0	4 7 0
1 3/4 in.	2 0 0	2 10 0	3 3 0
2 in.	2 8 0	3 0 0	3 16 0
2 1/4 in.	2 13 0	3 8 0	4 6 0
2 3/8 in.	2 16 0	3 11 0	4 9 0
2 1/2 in.	2 7 0	3 0 0	3 15 0
2 3/4 in.	2 16 0	3 11 0	4 10 0
3 in.	3 1 0	3 19 0	5 1 0
3 1/4 in.	3 7 0	4 4 0	5 5 0
3 1/2 in.	2 16 0	3 9 0	4 6 0
3 3/4 in.	2 16 0	3 11 0	4 9 0
4 in.	3 7 0	4 3 0	5 2 0
4 1/4 in.	3 7 0	4 5 0	5 8 0
4 1/2 in.	3 12 0	4 13 0	5 18 0
4 3/4 in.	3 17 0	4 18 0	6 3 0

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

# PRIZE MEDAL for Excellence of Tools -Wood and Metal Workers',

Stocks and Dies Fitted into Oak or Deal Cases, with Taper and Plug Tap to each Size, and Tap Wrenches.

No.	Size	Deal Case.			Oak Case.		
		£	s.	d.	£	s.	d.
1.	1	6	14	0	7	3	0
2.	1	6	19	0	7	8	0
3.	1	8	2	0	8	11	0
4.	1	9	18	0	10	6	0
5.	1	9	14	0	10	7	0
6.	1	11	8	0	12	1	0

## Stocks and Dies for Brass or Copper Tube,

With Taper and Plug Tap to each size. Fully warranted.

To screw 1 iron and 3 1/2 brass.	4, 8, 2 brass.	1, 2, 5.	4, 3, 2, 5.	3, 1, 5.	4, 4, 3, 5.	1
15/-	15/6	16/6	18/6	19/-	22/-	

## Machine, Hand, and Nut Taps.



Diameter													
1	1/8	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	2
Machine Taps—													
2	6	8	3	4	3	9	4	2	5	5	6	8	8
Hand Taps—													
1	11	2	1	2	4	3	6	2	11	3	9	5	6

## Threads Gauge.

Pitch	4 1/2	5	6	7	8	9	10	11	12	and all finer Threads.			
Per inch	4/-	3/8	3/8	2/4	2/4	2/4	2/-	1/4	1/4	per pair.			

Best Hand Working Taps, Whitworth Thread, Taper second, or Plug—

Size	1	3/8	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	2
Price	1	3	1	1	1	6	1	8	2	2	2	4	3

## Patent Sliding Spanner.



6	8	10	12	14	16	18 inches.
1/9	2/-	2/6	3/6	4/8	6/6	8/- each.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

# All Wrought Iron Coach Wrenches (best).



			8	10	12	14	16 inches.
Single	...	...	8/-	8/6	4/6	5/6	each.
Double	...	...	4/3	5/6	6/6	8/-	10/3 "
Best Double	...	...	6/-	7/6	8/6	10/6	12/6 "
Best Double Railway	...	...	8/-	9/-	10/3	12/9	15/- "



			6	8	10	12 inches.
American Wood handled Wrench	...	...	1 3	1 6	2 -	2 6 each.
Strong Single Iron Coach Wrench	...	...	8/-	3/6	4/6	— "



6	8	10	12 inches.
4 6	5 6	6/6	8/- each.



Bright Bicycle Spanner, 1/6.



6	7	8	9	10	11	12 inches.
4/-	4/-	4/6	5/-	5/6	6/-	6/6 each.



Handy Spanners to fit Square and Hexagon Nuts.

Nos. 1	2	8	4
$\frac{1}{2}$ to 1	$\frac{3}{8}$ to $1\frac{1}{2}$	$1\frac{1}{8}$ to $1\frac{3}{4}$	$1\frac{1}{8}$ to 2 inches.
2 -	2/6	8/-	8/6 each.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',



No. 13.—Improved Spanners.

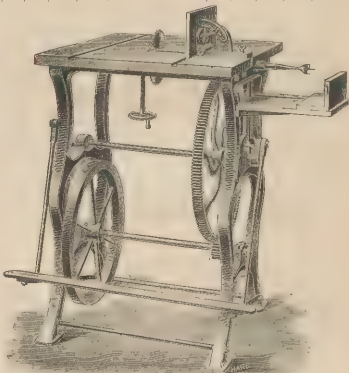
6	7	8	10	12 inches.
2/-	2/6	3/-	3/6	4/- each.



A 1 Spanners.

6	7	8	10	12 inches.
1/6	1/9	2/-	3/-	3/6 each.

Full Description and Price sent on application.



**FOR EXPORT—THE COLONIES, ETC.**

Foreign orders executed on commission for Machinery, Tools, Steel Cutlery, Manufactured Hardware, etc., etc. Terms on application with copy of indent.

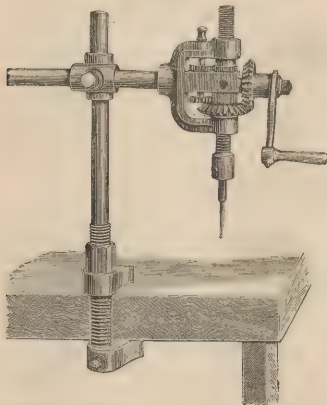
Merchants and Shippers supplied on wholesale terms with Saws, Files, Tools, Axes, Picks, and Heavy Edge Tools suitable for Australian, Cape, and Colonial Markets generally.

**MELHUISE'S,** Fetter Lane, Holborn Circus, E.C.

City Guilds Technical Institute, Health Exhibition, 1884.

# Patent Self-Feeding Portable Hand Power Radial Drilling Machine.

With Extension Bar.



The Feed Motion is self-acting, remarkably simple, effective, and easily understood. It has a quick, adjustable motion for getting the Drill to and from its work. The Handle can quickly be placed in three different positions for working, which makes it applicable for drilling in different positions.

This Machine is very effective in working, and is unrivalled for being complete, compact, and cheap.

## PRICES.

						£	s.	d.
No. 1	Machine, to drill up to 1½-ins. diameter and 6-ins. deep	...	...	...	...	5	10	0
" 2	" " " ½-in. " 6-ins. "	...	...	...	...	4	15	0
" 3	" " " ¾-in. " 3-ins. "	...	...	...	...	4	0	0
" 4	" " " 1-in. " 2-ins. "	...	...	...	...	3	10	0

The above complete with Six Drills (various sizes) and Spanner.

**MELHUISS'S, Fetter Lane, Holborn Circus, E.C.**

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## Patent "Instantaneous-Grip" Engineers' Vices.

In Various Sizes and Styles for Engineers, Machinists, Founders, Gun Makers, Blacksmiths, Sewing Machine Makers, Brass Finishers, Amateurs, Jewellers, Dentists, etc.

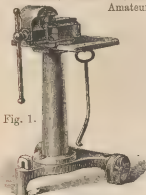


Fig. 1.

### Portable Vices.

5½-in. Jaws, to open 6½ inches	£4 10 0
6 " " " 6½ "	4 18 6
6 " " " 8½ "	5 9 0
7 " " " 8½ "	5 17 0

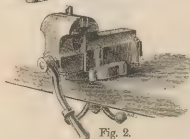


Fig. 2.

### Bench Vices.

3-in. Jaws, to open 8-in.	£1 9 0
3½ " " " 4 "	1 16 0
4½ " " " 5 "	2 1 0
5½ " " " 5½ "	2 6 0
6 " " " 6½ "	2 14 0
6 " " " 8½ "	3 10 0
7 " " " 8½ "	4 0 0

N.B.—These Vices, from 5½-in. Jaws upwards, are supplied with Fast Handle, as shewn in Fig. 2, except specially ordered with long Loose Handle as shewn in Fig. 1. For ordinary work, and particularly where there is much changing in and out of the Vice, the fast handles are best, the Loose Handle only being recommended for very heavy work.

For General Work 5 and 5½ inches are particularly recommended.



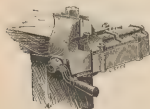
### Planing Machine Vices.

5½-in. Jaws, to open 6½-in.	£3 14 0
6 " " " 8½ "	4 9 0
9 " " " 8½ "	4 17 6
12 " " " 8½ "	5 15 0

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

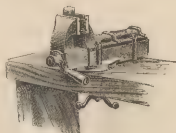


Vice specially suited for Coach and Wagon Builders, to fix on end of Bench, fitted with Steel Jaws.



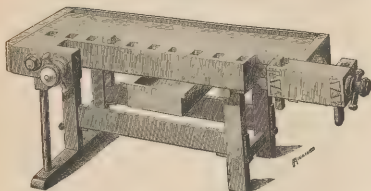
Price £1 10/-

Vice for fixing on top of Bench, and made to swivel.



Price £1 11/-

## Work Benches.



We were the first to introduce in this country these solid Beechwood Work Benches. Prices as follows:—

40 inches long,	29 inches high,	38/-
58 " "	31 " "	46/-
60 " "	32 " "	58/-
70 " "	33 " "	70/-

For another pattern with Loose Jaws, see page 48.

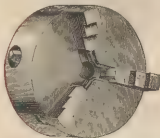
MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools - Wood and Metal Workers',

## Scroll Chucks (Self-Centring)

Are now in general use, and are giving full satisfaction. The great saving in time effected by their use will soon repay the cost. The Chucks will hold any article not larger than the diameter of the Chuck. The jaws are made of best wrought iron, and thoroughly case hardened. Chucks with reverse jaws, or with four jaws, can be supplied to order at proportionate prices.

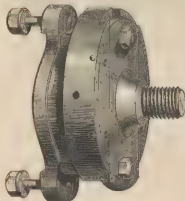
### KEY CHUCK.



Size 2 inch,	Weight, 1½ lbs.	Price £1	8
„ 3 „ „	3 „ „	2	5
„ 4 „ „	7 „ „	2	14
„ 5 „ „	10 „ „	3	3
„ 6 „ „	13 „ „	3	15
„ 9 „ „	34 „ „	5	5

The above cut represents the Chuck with key for working the jaws, the scroll being moved with a pinion working in a rack in the back of the scroll. The 9 inch are fitted with screws in the jaws to give additional gripping power.

### OVAL CHUCK.



For turning ovals in wood, brass, iron, etc. The price includes fixing, if ordered with lathes.

Size ... 5 6 7 in. diam.

Price £3/18/- £4/15/- £5/5/- each.

**American Chucks  
Repaired.**

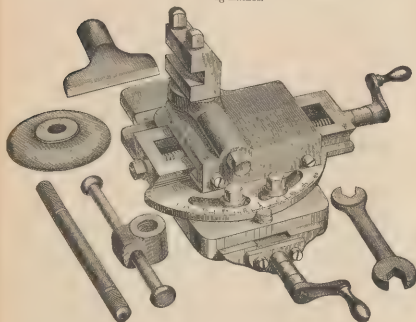
(For Lathes see pages 147 to 154.)

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

City Guilds Technical Institute, Health Exhibition, 1884.

# Improved Compound Slide Rest.

For Turning Lathes.



Of best Construction, Material, and Workmanship.

Especially adapted for Tool Makers, Brass Finishers, Axle Turners,  
Sewing Machine and Bicycle Makers, Amateurs, etc.

Height of Lathe Centres.		Approximate Weight.			Price.
3 to 3½ inches	...	14 lbs.	...	...	£8 5 0
4 to 4½ "	...	25 "	...	...	4 17 0
5 to 5½ "	...	48 "	...	...	5 19 0

When ordering a Rest it is requisite to state the exact height to centre of Lathe, and the width of slot in Lathe bed. A piece of wire filed to fit the slot, or if an angle top bed a sheet iron template filed to fit angles, is preferable. Also state the depth of Lathe bed to insure the holding down bolt being made the right length.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

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The following Goods are of high-class Manufacture and Finish. Fenders and Accessories, etc., we send direct from Birmingham, Cases, Packing, and Carriage Free.

We shall be pleased to send you Sectional Drawings and Prices of any sizes you may require.

### Polished Brass Fenders, each without Bottom Plates.

With Bright Steel Plates, 18/6 each extra; Black, 18/- extra.



No. 97.—4 ft., £5 15/-; 4 ft. 6 in., £6; 5 ft., £6 7.



No. 94.—4½ ft. long, £5 10/-; 5 ft. long, £6 3/-

### Brass Fire Guards.

This Guard folds up flat.



No. 95.—Price 58/-each.



No. 59.—Price 17/6 each.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'.

### Brass Fire Guard.

For Hanging on Stove Bars.



Registered designs.  
No. 16. —Price 14/6 each.

### Fire Screens.

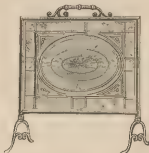
In Polished Brass, Fitted with  
Painted and Stained Glass.



Price 25/- each.

### Fire Guards.

Polished.



No. 56.—Price 58/- each.

Wirework Centre,  
Stained Glass  
Border.

### Fire Iron Rests.

Polished Brass.



No. 97.—Price 65/-



No. 99.—Price 8/- per pair.



No. 98.—Price 28/6

Full size Drawings sent by Post.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

# Brass Coal Tongs.

Polished.

Complete, as  
Illustrated  
in Polished  
Brass,  
27/- the Set.



The Set, as Illustrated, in Polished  
Brass, from 7/6 to 85/.



No. 92.—Price 7/6.

## Trivet and Plate Stand.

Polished Brass.



No. 93. Price 2 8.

## Polished Brass Trivet.

With Ebonized Handle.



No. 50.—Price 3/6.

## Brass Trivet.

Polished, with China  
Knob.



Price 7/6.



Price 5 6.



Price 4/- each.

## Flower Pot Stand.

Cast Brass Polished.



With 6 in. Minton Tiles,  
80/- per pair;  
8-in., 60/- per pair;  
Frames only, 25/-;  
8 in., 45/- per pair.

MELHUIST'S, Fetter Lane, Holborn, Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'.

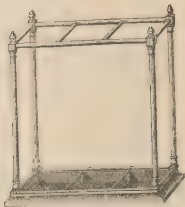
### Double Sconces.

For Candles.



In Polished Brass, with Highly Chased and Embossed Back, as Illustrated, price 15/-

### Brass Umbrella Stands.



Polished or Bronzed, with Loose Iron Pans and Strong Iron Base.  
Price 46/- each.

### Brass Double Sash Lifts.

Half Size, Polished.

No. 606.



Price 4/6 dozen;  
-/6 each.

No. 806.



Price 6/10 doz.; -/8 each.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

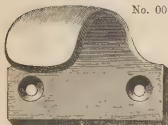


## Improved Machine-Made Brass Sash Lifts.



No. 895.

Dead Dipped, $1\frac{3}{4}$ in. ...	1/6 doz.
" " 2 " ...	1/9 "
Polished $1\frac{3}{4}$ .. ...	1/9 "
" 2 " ...	2 - "



No. 006.

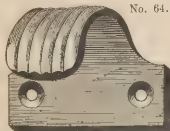
Polished ...	1/9	2/4	3/1	4/4
--------------	-----	-----	-----	-----

Packed in Boxes of one dozen complete, with Brass Screws, lacquered heads, to prevent discoloration in use.

No. 62.—Dead Dipped	...	...	...	...	$1\frac{3}{4}$	2 inches.
Polished	...	...	...	...	1/10	2/1 per doz.
					2 -	2 3 "

No. 63.—Polished, with Brass Screws—

$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$ inches.
2/2	2/9	3/9	5/8 per doz.



No. 64.

Registered, with Brass Screws—

$1\frac{1}{2}$	$1\frac{3}{4}$	2	$2\frac{1}{4}$ inches.
2/10	3/6	5/5	6/8 per doz.

MELHUIST'S, Fetter Lane, Holborn Circus, E.C.

### Brass Long Arm Hooks.



No. 7603.

Price 7/6 doz.; -/8 each.



No. 5703.

Price 9/- doz.; -/10 each.



### Patent Sash Opener and Automatic Sash Fastener.

By this arrangement, which is free from the nuisance of broken springs (so constantly recurring where springs are used), the sash is opened and closed by two pairs of lines terminated with wooden handles, each having two rings of vulcanized rubber to protect the window-frame and glass.

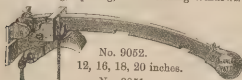
A set of 9770 consists of two pairs of wooden handles (of different shapes, to distinguish the opening from the closing handles), 24 feet of strong line, two pulleys, two plate cord holders, one weighted lever in frame, and one plate with sash fasteners.

Price per set, 15/-

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

## Beanland's Patent Quadrants.

For Closing, Opening, and Fastening Windows.



No. 9052.

12, 16, 18, 20 inches.

No. 9051.

To Work with Hook.

This Patent Quadrant affords the best and most effectual means yet offered to the public of opening and closing Fanlights and Windows of Churches, Board Schools, Warehouses, and Manufactories. The window can be opened and fixed in any desired position by means of cords or window sticks, and they are adapted for windows hung in any position with hinges or pivots, and can be had to fix on top or sides of window. Fix the Quadrants so that when the sash is closed the plates nearly touch. They are made of various radius to suit all sizes of sashes. The size of sash from hinge to top indicates radius, but they will work within 2 inches of size indicated: viz., a Quadrant made for a 24-inch sash will also act on a 22 or 26-inch sash. If for iron casements, give full-sized details and section of part to be opened. It is imperative in ordering that the size of the opening part of the casement be given (measuring from hinge to top), as this alone indicates the radius required.



Quadrants and Stays of every description made to order.

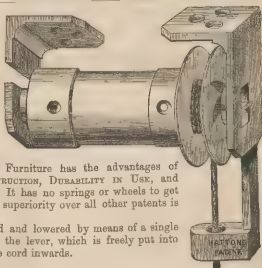
## Brass Blind Furniture.



Sanded—			
1½	1¾	2	2½ inches.
3 9	4/-	4/8	7/- doz. sets.
Dead Dipped—			
4/3	4/9	5/8	9/- " "
Add 1/6 per dozen sets if ordered in less quantities.			
Tinned Iron, 1/- dozen sets,			
-1/1½ single set.			

MELHUISH'S, Fetter Lane, Holborn Circus, E C.

Hatton's  
Patent  
Blind  
Furniture.



The Blind is raised and lowered by means of a single cord passing through the lever, which is freely put into action by drawing the cord inwards.

ALL IRON.			BRASS MOUNTED IRON BRACKETS.		
1½	1½	1½ inches.	1½	1½	1½ inches.
20/6	80/6	45/- dozen.	26/-	28/-	33/6 44/- dozen.
2/-	2/10	4/2 set.	2/4	2/7	3/- 4/- set.
ALL BRASS	...	...	85/-	40/-	46/- 57/6 dozen.
			3/2	3/8	4/8 5/- set.

Brass Ends with Iron Brackets, 18 - doz.: 19 set.

All Iron	"	"	"	10/6	"	1/-	"
----------	---	---	---	------	---	-----	---

Made to suit top or front of Sashes.



MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



End View of Left-Hand Bracket.



End View of Right-Hand Bracket.

Complete with Cord and Holder for same.

Brass ...	...	...	...	28/-	per dozen, or 2/7 single set.
Iron ...	...	...	...	9/8	„ -/11 „

ESPECIALLY MANUFACTURED FOR THE ENGLISH AND CONTINENTAL MARKETS.

The Only Blind Furniture made that is supplied complete with Roller and Laths, and is consequently the most convenient Furniture and cheapest in the market.

The Fittings are made of heavy Metal, and the Rollers and Laths from the very best American Pine. The principle of the friction is very simple and durable, and cannot get out of order; you can pull the shade down by the hand or let it down by the cord.

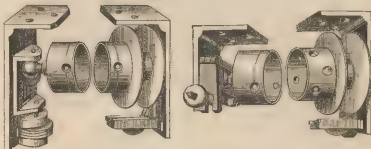
The Brackets are so constructed that the Furniture can be worked on the face of the window, between the casings, or over head.

To guarantee perfect working, and for the convenience of the trade as well as the consumer, we fasten the Spring and Friction End to the Roller, but the other end can be cut to any length desired. Roller, 4 ft. long; can also be had 4 ft. 6 in. and 5 ft. long.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools Wood and Metal Workers',

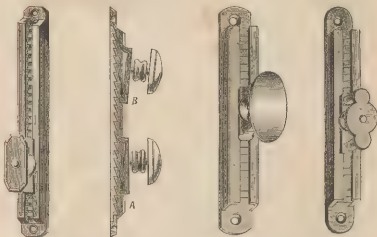
## Patent Blind Furniture.



$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{7}{8}$	$1\frac{3}{4}$ inches.
28/-	30/6	38/- doz. sets.	18/3	20/-	22/6 doz. sets.
2/6	2/9	8/4 single „	1/9	1/11	2/1 single „

## Brass Rack Pulleys.

Per dozen. Half size.



A. The slide in its normal position.  
 B. The slide raised to relieve cord.  
 C. Shows method the back is fixed.  
 1744.—4/- doz. 2744.—5/6 doz.

4041.  
 Strong Stamped.  
 5 in., 4/-

4461.  
 Burnished.  
 4½ in., 5/-  
 5 in., 5/6

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## Brass Rack Pulleys.

Per dozen. Half size.



Dead Dipped.

$4\frac{1}{2}$  in., 4/8  
5 in., 5/-



Screw.

$4\frac{1}{2}$  in., 5/-  
5 in., 5/6



9151.

$4\frac{1}{9}$  doz.  
-/6 each.

## Blind Roller Brackets.



Brass, 3/6 doz. pairs.  
Tinned Iron, 1/2 doz. pairs.



Brass  
Tinned Iron, 1/- doz. pairs.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## Patent Self-Fastening Blind Furniture.

This Blind Furniture is simple in construction and perfect in action. The Blind is secured in any required position by simply releasing the cord, when friction of the cord causing the movable roller to be drawn up towards the it is immediately automatically clamped between the two rollers by the fixed roller.



1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	inches.
28/-	24/-	27/9	32/8	43/-	per dozen sets.
2/-	2/8	2/6	2/10	3/10	per single set.

This action is especially suited for Venetian Blinds with two or more cords, as it not only retains the blind automatically at a desired point without requiring spring cam or extra check string, but the blind cords are not so liable to fracture, and it affords an effectual security against the accidents which frequently arise from cords of heavy blinds being released before they are properly secured. The same action is well adapted for External Blinds.

- 1 Cord, 8/6 doz.; -/10 each.
- 2 Cords, 10/- „ 1/- „
- 3 Cords, 11/- „ 1/2 „

## Flush Sash Lifts.



0791. 4/9 per doz.



1914. 3  $\frac{1}{2}$  inch, 6/- per doz.



5588.

2 $\frac{1}{2}$	3	3 $\frac{1}{2}$	3 $\frac{3}{4}$	4	4 $\frac{1}{2}$	inches.
4,3	5/-	5/10	7/-	8/3	12/-	dozen.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.



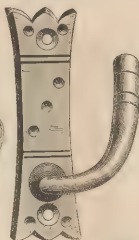
# Machine-Made Tassel Hooks.



$2\frac{1}{6}$  inch each.  
 $5\frac{1}{6}$  doz.



4244  
 $3\frac{1}{8}$  doz



$2\frac{1}{2}$  in.  $4\frac{1}{8}$  doz.  $-\frac{1}{5}$  ea.  
 $3$  ,,  $5\frac{1}{2}$  ,,  $-6$  ea.



inch, 2 - doz., - 3 ea.  
 $2\frac{1}{2}$  ,, 2 9 ,, -  $3\frac{1}{2}$  ,,  
3 ,, 3 6 ,, -  $\frac{1}{4}$  ,,



$2\frac{1}{6}$  doz.  
 $-\frac{1}{3}$  each.

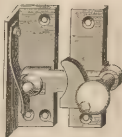
MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'.

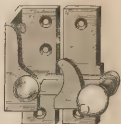
## Bronzed Iron Sash Fasteners.



No. 88.  
3,4 doz., 4d. each.

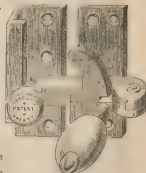
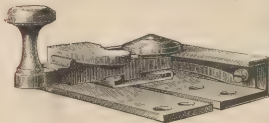


No. 90. Brass Knob.  
2,3 doz., 3d. each.



No. 6.  
China Knob, 6/ doz. -/7 ea.  
Brass " 5/6 " -/6 ea.

880 Patent Sash Fasteners, 10/6 doz.; 1/- each.  
888 " " 7/- " -/9 "



Every kind of patent and other sash fasteners supplied or made to order in brass, gun-metal, iron, or nickel-plated.

$\frac{3}{4}$  in., 15/6 doz., 1/6 each.

## Patent Window Ventilator and Fastener.

This invention meets a want long required, as the sash can be left open any width and Perfect Ventilation secured both day and night. It will be obvious that the ordinary Sash Fastener, usually fixed in centre of sash, need not be used. For Offices and Public Buildings the invention will be invaluable. Drawings sent on application.

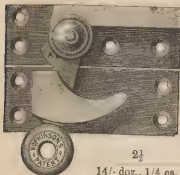
Per dozen sets.	Single set.
19/6	1/9

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

City Guilds Technical Institute, Health Exhibition, 1884.

## Patent Guarded Lever Sash Fastener.

SECURE! SIMPLE! CHEAP!



This Patent is the same as the ordinary fastener, with the arm slightly modified by the addition of a projection which forms the Patent Guard to prevent the fastener being opened from the outside. When a knife or other instrument is introduced between the sashes to force back the arm of the fastener, the Patent Guard instantly closes on the instrument, and effectually arrests forward motion.

$2\frac{1}{2}$	$2\frac{3}{4}$	3 inches.
14/- doz., 1/4 ea.	16/- doz., 1/6 ea.	19/- doz., 1/9 ea.

*A Large Assortment of Sash Fasteners kept in Stock.*

## Casement Fasteners.

116



Iron, 2/6 doz.  
Brass, 9/- "

117



Iron, 3/- doz.  
Brass, 11/- "

112



Iron, 3/6 doz.  
Brass, 16/9 "

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

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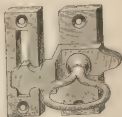
## Casement Fasteners.

111



Iron, with Brass  
Ring, 3 doz.  
All Brass, 5 6 doz.

120



Iron Plate, Brass  
Handle and Tongue,  
4 6 doz.

52



Iron ... ..	4/- doz.
Brass, Light	7/- ..
" Strong	8 3 ..
Larger, 8½ in.	11/6 ..
" 4 in.	19/ ..

## Window Stops and Wedges.



4476.  
2/9 per doz.

941. 4/9 per doz.  
951. 6/- larger.



6252.  
4/- per doz.

### Casement Stays.

Drawn Half Size.



	8	9	10	12	15	18	inches
Bronzed Iron, Brass Knob ...	4/6	5/-	6/6	8/-	...	...	doz.
" " " "	-/6	-/7	-/8	-/10	...	...	each.
Japanned Malleable Iron ...	5/-	5/6	7/6	9/-	11/4	13/6	doz.
" " " "	-/6	-/7	-/8	-/10	1/-	1/8	each.
Dead Dipped Strong Brass ...	15/6	16/9	18/-	21/8	30/-	48/6	doz.
" " " "	1 5	1 6	1 8	2 -	2 9	4 -	each.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## Casement Stays.



This Stay, which is fastened and unfastened with extreme facility, holds the casement firmly in any position, and is not liable to be loosened by the vibrating action of wind upon casement.

Malleable Bronzed and Brass Mounted ...	...	...	...	21/6 doz
All Brass ...	...	...	...	32/- "



## Improved Wrought-Iron Bar Stay.

The Screw-Knob cannot be lost.

	9	10	12 inches.
Bronzed Iron, Brass Mounts ...	9/6	10/6	12/6 doz.
" " " " ...	11	1/-	13 each.
Brass, Polished ...	...	25/6	29/- doz.
" " " " ...	...	2/4	2/8 each.
Fanlight Catches, Brass, from ...	...	...	14/- doz.
Spring Show Case Catches ...	...	...	11/- "
Sash Quadrants, Brass ...	...	...	20/- " sets.
Table Catches, from ...	...	...	10/- "
" Fasteners ...	...	...	5/- "
" " Patent Wedge ...	...	...	10/8 " pairs.
Bedstead Knobs in Brass and China, Table and Chair Castors, etc.			

No. 18.



9	10	12	14	16	18 in.
5 -	5,8	5,7	6,2	7/-	8,9 doz.

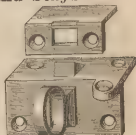
MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools--Wood and Metal Workers',

## Fanlight Catches and Stays.



4455 ... .. 11/-  
3455—Larger, 14/6



1555—16/-

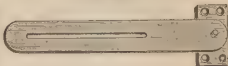


6263.

Per dozen.

3 in. ...	6/9
3½ „ ...	7/6
4 „ ...	9/-
5 „ ...	10 -
6 „ ...	13/6
7 „ ...	14/-
8 „ ...	18/-
9 „ ...	22/-

8286.



Bronzed Steel, 7/- dozen.

Thin plates suitable for light work.



## Screw Pulleys.

	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	1½	1½	1¾	2 in.
Brass ...	1/6	1/10	2/8	3/10	4/10	6/6	8/-	11/- doz.
Do. Double	2/6	3/9	5/-	6/-	8/-	10/10	15/-	20/- „

## Upright Pulleys.



	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1½	1½ in.
Brass...	3/6	3/10	4/10	7/4	9/4	10/9	11/4 doz.
						1¾	2 inches.
Iron Axle Pulleys, Painted Face					1/4	1/8	dozen.
„ Frame „					-/10	1/-	„

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

1945

## Side Pulleys.



	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$ inches.
Brass...	2/8	3/-	3/8	4/5	6/1	7/6 dozen.

Double in Brass or Iron supplied to order at proportionate prices.



## Brass Shutter Knobs.

	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ inches.
	-/5	-/9	-/10	1/-	1/4	1/7	1/10 dozen.



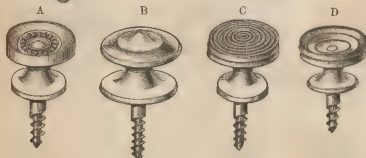
## Cupboard Turns.

	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$ inches.
	1/6	1/9	2/-	2/6	3/- dozen.

Range Knobs kept in stock

## Fancy Drawer Knobs.

Per doz. Full Size.



$\frac{7}{8}$	1	$1\frac{1}{4}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
2/8	4/-	5/6	2/1	2/7	3/6	3/9	3/8	4/6	6/-	4/-	5/-	6/4
-/8	-/5	-/6	-2/1	-/3	-/4	-/4	-/4	-/5	-/7	-/5	-/6	-6 1/2 ea.

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# Brass Handles.

24080.



$2\frac{1}{2}$	8	$8\frac{1}{4}$	$9\frac{1}{2}$ inches.
10/6	12/6	14/-	17/- dozen.

Supplied in half-dozen at same rates.

8955.



14/- dozen.

0955.



Ebony.  
1 in., 8/6  
 $1\frac{1}{4}$  in., 11/-  
 $1\frac{1}{2}$  in., 13/-

1845.



$2\frac{1}{2}$	8	$8\frac{1}{4}$	4 inches.
8/-	10/-	11/-	11/6 dozen.

42481.



1	$1\frac{1}{2}$	$1\frac{3}{8}$ inch.
9/-	12/-	15/- doz.

0945.



$2\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{1}{4}$ inches.
8/6	12/-	15/- dozen.

3838.



$2\frac{1}{2}$	8	$8\frac{1}{4}$ inch.
10/6	12/6	14/6 doz.
1/-	1/2	1/4 each.

0833.



2	$2\frac{1}{2}$	8	$8\frac{1}{4}$ inch.
7/-	8/6	10/6	14/- doz.
-/8	-/9 $\frac{1}{2}$	1/-	1/4 each.

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6833.

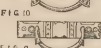


2½ 8 3½ 4 inch.  
9 - 10 9 11/6 14/- doz.  
-10 1,- 1/1 14 ea.

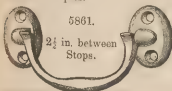
8933.



10 6 dozen.  
1,- each.



No.	Doz.	Each.
1.	12/-	1/1
2.	10/-	-/11
3.	8/6	-/9
4.	9/6	-/10
5.	8/-	-/9
6.	5/-	-/5½
7.	5/9	- 6½
8.	8/6	-/9
9.	8/6	-/9
10.	10/6	1/-
11.	13/-	1/3
12.	9/6	-/10
13.	11/6	1/1
14.	14/-	1/4



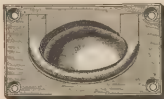
5861.

2½ in. between  
Stops.

2 2½ 3 3½ 4 in.  
2/6 3 3 4 - 4/8 5 - 7 4 doz.  
- 3 3½ - 5 - 5½ -/6 -/8 ea.

Stronger suits supplied.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.



### Flush Handles.

3	3½	3½	3¾	4 inch.
4/-	4/4	4/10	5/8	6/8 doz.

Smaller sizes kept in stock.

### Flush Rings and Catches.

PER DOZEN.

806.



1	in.	2/8
1	"	3/4
1	"	4/-
1	"	4/8
1	"	5/8
2	"	7/-

0841.



2	2½	2½	3	3½ inch.
2/6	2/11	3/4	2/10	4/5

016.



1	in.	6/4
1	"	7/-
1	"	7/10
1	"	9/2
2	"	10/9

### Sash Rollers.



	1	1½	2	2½	3	3½	4 inch.
Brass	1/9	2/8	2/8	3/-	3/10	4/6	5/6 doz.
Iron	-7½	-9	-10	1/8	1/5½	1/9	3/- "

Larger sizes supplied to order.

### Ring Sash Lifts.



1	in.,	2/6 doz.
1	"	3/- "
1	"	4/- "



1	in.,	2/5 dozen.
1	"	2/10 "
1	"	3/8 "

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

## Brass Sash Screws.

PER DOZEN. HALF SIZE.



Diam.	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	inch.
2 in.	2/1	3/6	4/-	4/5	6/10
2 $\frac{1}{4}$ "	2/6	3/10	4/2	4/6	7/-
2 $\frac{1}{2}$ "	2/8	4/-	4/4	4/10	7 2
3 "	2/9	4 1	4/6	5/-	7/4
3 $\frac{1}{2}$ "	3/-	4/6	5/-	6/-	8/-
4 "	...	5/6	6/-	6/6	8/6
5 "	...	6/-	6/6	7/6	9/-
6 "	...	...	...	...	9/9

## Brass Flush Bolts.

PER DOZEN. NET.



Width	...	...	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	1	1 $\frac{1}{4}$ inch.
Length	...	3 inch	3/2	3/6	4 -	4 8	...
"	...	3 $\frac{1}{2}$ "	3/8	4/-	4 8	5/11	...
"	...	4 "	4/-	4/6	5/2	6 9	...
"	...	5 "	4/10	5/4	6/2	8/-	...
"	...	6 "	5 8	6 1	7/-	9/6	16/-
"	...	7 "	6/6	7/-	8/1	10 6	...
"	...	8 "	7/2	7/10	9/2	11/9	21/6
"	...	9 "	7 11	9/-	10/3	13/3	24/-
"	...	10 "	9 6	10/6	11 3	16/6	26/6
"	...	12 "	10/-	12/3	14 6	22/6	27/-
"	...	15 "	...	14/6	18/9	24/-	30/6
"	...	18 "	...	19/-	20/-	31/6	38/6
"	...	21 "	...	20/-	24/-	33/-	42/-
"	...	24 "	...	26/-	26/6	37/-	50/6

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## Brass Cabin Hooks.

PER DOZEN. HALF SIZE.



	2	2½	3	3½	4	5	6	7	8	9	10	12 in.
Light	4/2	4/8	5/2	5/8	6/2	7/4	8/6	...	...	...	...	...
Medium	4/4	5/1	5/10	6/6	7/-	7/8	9/8	...	15 9	17/-	20/6	24 6
Strong	4 6	6 -	6 10	8 1	8 6	10 -	11 3	...	16 8	18 4	22 9	28 -
Japd. Iron	2 3	2 6	2 8	2 10	3 -	3 1	3 2	3 4	3 8	4/-	4 8	5 2

Larger sizes made if required.

## Improved Machine-Made Brass Socket Bolts.

Complete, with Brass Screws.



2½	3	3½	4	5	6	8	9	10	12 inches.
6/-	6/4	7 6	7/10	9 9	11/6	14/-	15/6	25/-	28/- dozen.
-/7	-/8	-/9	-/9½	1/-	1/1	1/4	1/6	2/7	3/- each.

## Strong Cast Brass Bolts.

3	4	5	6	7	8	10	12 inches.	
7 6	9 -	11 4	15 6	19/-	22 6	26 -	29/- doz.	} Brass Back.
-/9	-/10½	1/-	1/5	1/9	2/1	2/5	2/9 each.	
7/3	8/9	10/6	14/9	16/3	17/6	—	— doz.	} Iron Back.
-/9	-/10	-/11½	1/4	1/7	1/10	—	— each.	

## Blind Bolts.



2	2½	3	3½	4	5 in.
1/10	2 -	2 9	4 8	5/6	7/6 doz.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

## Registered Door Chain and Door Fastener.

One-Third Size.

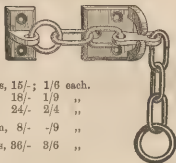


Best Polished,

17 6 doz.; 1/9 each.

6 in. 7 in.  
10/- 16/6 doz.  
1/- 1/7 each.

## Patent Door Chains.



For Bedroom Doors,	No. 1	Brass,	15/-;	1/6 each.
„ Vestibule „	„ 2 „	„	18/-	1/9 „
„ Entrance „	„ 3 „	„	24/-	2/4 „
Japanned Iron, same } size as No. 2.	„ 4	Iron,	8/-	-/9 „
Medieval Pattern „	„ 5	Brass,	36/-	3/6 „

## Strong Hall Door Chains.

Polished. One-Fourth Size.

9332.



5	6	7	8	9	10 inches.
25/-	28/6	34/6	38/6	46/-	50/6 dozen.
2/4	2/7	3/2	3/6	4/2	4/6 each.

Lighter Made Suit.

15/6	18/6	20/-	25/-	—	— dozen.
1/6	1/9	1/10	2/4	—	— each.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

## Japanned Iron Door Chain.

No. 5811.



Brass Fronts.

5	6	7	8 inches.	} Larger sizes to order.
6/6	7/6	8/6	9/6 dozen.	
-/8	-/10	/11-	1/- each.	

## Brass Buttons on Plate.



in.	
1 1/4	3/- doz.
2	3/6 "
2 1/4	4/8 "
2 1/2	5/- "

## Brass Buttons.

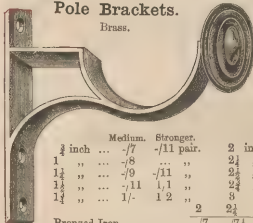
Light.

in.	
1 1/4	5/- gross; -/6 doz.
1 1/2	7/- " -/8 "
1 3/4	9/4 " -/10 "
2	12/ " 1/1 "
2 1/4	15/9 " 1/4 "
2 1/2	21/- " 1/11 "



## Pole Brackets.

Brass.



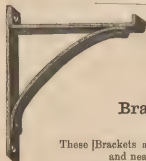
Light.

2 inch	-/10 pair.
2 1/4	1/1 "
2 1/2	1/5 "

	Medium.	Stronger.		Medium.	Stronger.
3/4 inch ...	-/7	-/11 pair.	2 inch ...	1/1	1/4 pair.
1 " ...	-/8	" "	2 1/4 " ...	1/4	1/7 "
1 1/4 " ...	-/9	-/11 "	2 1/2 " ...	1/7	1/10 "
1 1/2 " ...	-/11	1/1 "	2 3/4 " ...	1/10	2/- "
1 3/4 " ...	1/-	1/2 "	3 " ...	2/1	2/3 "
			2 1/2 " ...	2 1/2	3 inch.
Bronzed Iron ...			-/7	-/7 1/2	-/8
			-/9	-/9	-/10 pair.

A reduction of 5 per cent. by the dozen pair.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



A large variety of Ornamental SHELF  
BRACKETS, in Brass, Cast and Malleable  
Iron, kept in stock.

Improved Machine-Made  
**Brass Shelf Brackets.**  
(Registered.)

These [Brackets are highly approved, being cheaper, stronger,  
and neater than the common cast patterns.

8	3½	4	5	6 inch.
8/6	4/-	4/4	5/-	6/3 dozen.
-/4	-/4½	-/5	-/6	-/7 each.



Light.

1½	2	2½	3	4	5 inch.
1/4	1/8	2/2	2/11	4/-	5/2 doz.

Equal ditto in Malleable Iron (see p. 240).



3223.

4/10 5/- 6/- 8/6 dozen.

A large variety of PICTURE ROD BRACKETS, HOOKS,  
and ENDS kept in stock.

We shall be pleased to forward Samples of any Tools, Fittings, etc.,  
we have in stock, or special requirements of our Customers may be sent from  
the Works at two days' notice. Estimates rendered to drawings or  
specifications.

We respectfully invite inquiries for Hardware of any description.

**MELHUISE'S, Fetter Lane, Holborn Circus E.C.**



China, Wood,  
and Brass  
Lock  
Furniture.

No. 1.

PATENT KEYED DOOR FURNITURE.

In the keyed furniture made according to the original patent, a difficulty is experienced in fixing the screws of the inner rose, an operation which has to be performed after the knob is keyed up in position, and the cover rose is loose on neck of knob, when insufficient room is left for the proper use of a screwdriver; but, notwithstanding this inconvenience, the original Patent Keyed Furniture acquires and has maintained the reputation of being the most perfect furniture in use up to the present time.

The improved form under the new patent entirely removes this difficulty, as the inner rose can now be firmly screwed to the door before the knob is fitted to the spindle.

PRICE FOR TWO-BOLT SETS COMPLETE.

	2	2 $\frac{1}{8}$	2 $\frac{1}{2}$	2 $\frac{3}{8}$	2 $\frac{1}{2}$ inch.
Brass, strong Raised Rose Mortise...	3/9	4/8	4/7	5/-	5/6 set.
" " " Rim ...	3/4	3/10	4/2	4/7	5/- "
" Cast " Mortise...	4/2	4/7	5/8	5/10	6/6 "
" " " Rim ...	3/8	4/1	4/9	5/4	6/- "
" Octagon Bronzed Mortise ...	6/1	...	6/8	...	8/2 "
" " " Rim ...	5/9	...	6/3	...	7/6 "
China, White Plain Mortise ...	...	...	3/7	...	...
" " with 2 gold lines ...	...	...	4/6	...	4/11 "
" Black Plain ...	...	...	3/9	...	...

This furniture can be supplied in any fancy woods, horn, ivory, etc.

Wood Mortise Lock Furniture.

PER SINGLE SET.

	Ebony, Oak, and Boxwood.			Maple, Cocoa, Satin, or Walnut.		
	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$	2	2 $\frac{1}{4}$	2 $\frac{1}{2}$ in.
Plain or Ribbon Edge, Wilkes' Spindle 1 3	1 6	2/-	1/6	1 9	2 3	
Ditto, ditto, Duce's Spindle ...	1/6	1/9	2/8	1/8	1/10	2/4
Ditto, ditto, Pitt's Patent Covered Rose ...	3/6	4/-	...	3/8	4/2	
Ditto, ditto, Gibbon's Patent ...	3/8	4/8	...	3/10	4/4	
Ditto, ditto, Mace's Patent Brass Rose...	2/8	3/1	...	2/9	3/8	

Our Door Lock Handles are said to be the most effective of any in the market. They are rigidly fixed to the door by three or more screws, the spindle acting loosely between; thus no need for the objectionable set screw.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.



## Patent Lock Furniture.

No. 2.



China

Brass

Per 2-Bolt Set.



Cast Rose.

### BRASS ROSE.

Brass.	Rim.	Mortise.
6 in. ...	1/6 ...	2/-
7 in. ...	1/9 ...	2/-
8 in. ...	2/- ...	2/4
White China ...	...	1/8
Black „ ...	...	1/10

### COVERED ROSE.

Brass.	Rim.	Mortise.
6 in. ...	2/6 ...	8/-
7 in. ...	2/9 ...	8/8
8 in. ...	3/- ...	8/6
White China ...	...	8/2
Black „ ...	...	8/4



No. 3.

Per 2-Bolt Set.



### DESCRIPTION OF PATENT AND ITS ADVANTAGES.

The merits of this invention consist in being SELF-ACTING and ADJUSTING; the only trouble being to slip on the Knobs, when they are at once fastened at the right point by the action of a flat steel spring into the teeth of the spindle. Thus the saving in time and labour in fixing over all other patent spindles must be obvious.

They are as easily taken off as they are fixed; by pushing a blunt bradawl into the hole of the collar A, and thus, by pressing back the Spring, the Knob is drawn off. There are no screws to get loose, and cannot get out of order.

They are suitable for all kinds of Locks, and they are cheaper than any existing patent.

Brass.	Rim.	Mortise.	White China	Black	Wood	2 1/2	2 3/4	2 1/2 in.
6 in.	1/5	2/-	... 2/-	...	Ebony	3/4	8/8	4/-
7 in.	1/7	2/8	Black „ ... 2/2	...	Oak	3/4	8/8	4/-

MELH UISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## LOCK FURNITURE & FINGER PLATES.

### Wilkes' Patent China Door Furniture.

White, Cream, Black, White and Gold, Black and Gold.

Finger Plates	...	10/-	10/9	11/8	16/-	17/6	dozen sets.
Ditto, ditto, Long and Short	4/-	4/6	5/-	9/6	10/6	single dozen.	
Latch Furniture, 1½ and 2 in.	8/-	9/-	10/-	11/9	13/9	dozen sets.	
Shutter Knobs, 1½ in.	...	1/1	1/2	1/3.	3/6	4/-	dozen.
Hall-door Knobs, White, 2½ in., 7/-; 2¾ in., 7/6; 3 in., 8/-							
Ditto Black, 2½ in., 8/-; 2¾ in., 9/-; 3 in., 9/6							
White China Door Numbers, Black Figures, 3 in., 3/6; 3½ in., 4/2 dozen.							
Ditto ditto ditto ditto 4 in., Shaded, 6/- dozen.							
Black ditto, Gold Figures, 3 in., 10/-; 3½ in., 12/-; 4 in., 14/-							
Ottoman Balls, Scoop and Kettle Handles, Shutter Latch Knobs, Cupboard Turns, Cranked Sets, Drawer Knobs, Mortise Roses, etc.							



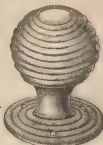
6054.

2-Bolt, Wilkes' P.S.

2/6 per set.

2-Bolt, Pitts' P.S.

2/9 per set.



5806.

Pitts' P.S.

4/- per set.

6806.

Wilkes' P.S.

2/10 per set.

### Brass Centre Door Knobs.



1233.



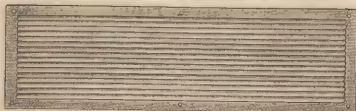
0233.



	2½	8	8½ inch.
No. 1233.	3/-	3/5	4/8
„ 0233.	3/-	3/6	4/10

21 inch	...	2/6	each.
2½	„	2/9	„
2¾	„	3/-	„
2½	„	3/6	„
3	„	4	„

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.



Finger Plates, 14/6 per doz. Short do., 10/- do.



9184. Brass Finger Plates, highly finished.  
 12 by 2½ inches, 6/- each. | 18 by 2½ inches, 9/4 each.  
 12½ by 8 " 7/- " | 24 by 4 " 14/- "

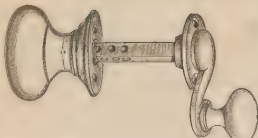


1160.

Pitt's Brass Rose.

2-Bolt Mortise Set ...	...	7/- each.
Finger Plate as 9184 ...	...	6/- "
Shutter Knobs ...	...	17/- doz.
Bell Levers ...	...	12/- pair.

### Cranked Latch Furniture.



1½ 1¾ 2 in.  
 Brass, 1/3 1/7 1/9 set.  
 China, 1/2 1/6 1/9 "

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.



## Finger Plates.

Oak } Plain, 18. doz.  
Ebony }  
Do. with 3 Buttons, 22/ doz.

White China ... 3/9 doz.  
Black do. ... 4/6 "  
Ivory ... 5/- "  
White, 2 Gold Lines 9/6 "  
Black do. ... 11/5 "



5186.



Oak }  $\frac{2\frac{1}{4}}{2/4}$   $2\frac{3}{8}$   $2\frac{1}{2}$  inch.  
Ebony }  $\frac{2\frac{1}{4}}{2/4}$  2, 10  $3/2$  set.

D675.



Oak } 2  $2\frac{1}{4}$   $2\frac{1}{2}$  inch.  
Ebony } 4/- 5/-  $5/6$  set.

## Brass Rim and Mortise Lock Furniture.

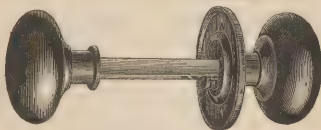
Per dozen sets.

	6	7	8 inch.
Wilkes' P. S. Rim ...	4/8	5/-	6/8
" " Mortise ...	7/8	9/9	10/3
Mace's Rim ...	9/-	10/6	11/8
" Mortise ...	14/6	15/6	17/-



This principle we can well recommend, it being much more secure than Wilkes', as by having a necked or flanged rose when the knob is screwed home, the rose covers the head of the screw, therefore it is impossible for it to move from its place.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.



### Patent Hollow Rose Rim Furniture.

6	7	8	9	10 inches.
8/-	9/-	10/6	12/-	14/- dozen sets.
-/10	-/11	1/-	1/2	1/4 single sets.

### Brass Mortise Furniture (2-Bolt).

Size of Lock	...	...	5	6	7 inches.
Size of Knob	...	...	1 1/8	2	2 1/2
Wilkes' Spindle	...	...	7/6	8/6	10/6 dozen sets.
Mace's "	...	...	10/6	12/-	13/- "

2d. per set extra if by the single set.

Harcourt's, Walker's, Duce's, "The Limpet," and other Patent Furniture supplied to order.

### Wood Mortise Furniture and Finger Plates.

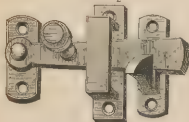
(In Ebony and Oak.)

Wilkes' Spindle ... 2 in., 14/3; 2 1/2 in., 17/6 per dozen sets.

#### FINGER PLATES (Oak or Ebony).

Drilled at Corners	...	...	11/6 per dozen.
Fitted with Buttons	...	...	17/6 "

1987 1/2.



	Dozen sets.	Single set
Light ...	... 10/-	1/-
Medium ...	... 13/6	1/3
Strong...	... 19/-	1/9

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools - Wood and Metal Workers',

## Sash and Door Handles.

6561.



Light.

$4\frac{1}{2}$  5  $5\frac{1}{2}$  inch.  
3/3 3/6 4/2 doz.

9931.



$\frac{5}{3}$   $\frac{5\frac{1}{2}}{3/6}$  6  $\frac{6\frac{1}{2}}{4/6}$  7 inch.  
 $\frac{5/6}{5/6}$  doz.



2971.—Strong.

$4\frac{1}{2}$  5  $5\frac{1}{2}$  6 in.  
3/5 4/- 4/6 6/-



1939.—Light ... 6/6 doz.

8891.—Strong ... 7/6 „

Larger ... 10/6 „

## Letter Box Plates and Postal Handles.



6914.

Brass.

Bronzed and Relieved.

6  $6\frac{1}{2}$  7  $7\frac{1}{2}$  8 9 10 in.  
1/9 1/11 2/2 2/9 3/3 4/2 5/- ea.

Polished.

1/10 2/3 2/4 3/- 3/8 4/6 5/4 ea.



3203 ... 1/9 each

1083 ... Upright ... 1/9 „

3033 ... Larger, 8 in. 2/6 „

6083 Upright... 2/6 „



1263.

8/-

Steel Bronzed and Relieved,

7/8 each.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.



3188.

Steel Bronzed and

Relieved ... 8/- ea.

Steel Polished ... 8/4 ea.

Postal Handle to match 0163, Steel Bronzed and Relieved, 5 10 ;  
Polished, 6/6 each.



5863.

Polished ... 7/6 ea.

Steel Bronzed  
and Relieved 7/2 ..



1163. -Steel Bronzed and Relieved ... 4/6 each.

Polished ... 5/10 ..

8163. -Larger Steel Bronzed and Relieved ... 5/- ..

Polished ... 6/9 ..



6133.

3 -

Upright, 3/- each.



4183.—Polished.

7 in. ... 3/9 each.

8 .. 4 10 ..

9 .. 6 - ..

10 .. 9 6 ..

12 .. 18 - ..

Steel Bronzed,  
1/- each less.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

5312.



Handle to match 6312 ... .. 2/10 each.  
With Furniture ... .. 4/- "

Drawer Pulls.



	8	8 1/2 inch.
Dead Dipped Brass	2 3	2 6 doz.
Polished	3 6	3 9 "

8	8 1/2	4 inch.
3 6	5/-	6 6 doz.

Fancy Enamelled Iron, 15/- gross; 1/5 dozen.  
Complete, with screws.

Brass Cleats.



No.	
1	3/- doz
2	3 6 "
3	6/- "



inch.	doz.
2 1/2	.. 2 3
3 1/2	.. 3 4
3 1/2	.. 3 10
4 1/2	.. 4 5
5	.. 5 9



3915.

inch.	doz.
3	... 2 9
3 1/2	... 3 4
1	... 3 9
5	... 4 11

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



8981.



5 inch, 4/4; 5½ inch, 5/-; 6 inch, 6/-

### Patent Rocking Cleat.



7979, 4/- dozen; Larger, 7980, 7/- dozen.

### Patent Cord Holder.



Large, 6/-; Medium, 5/-; Small, 4/- per dozen.  
By one turn round the Holder the cord is instantly fastened

### Brass Screw Hooks.

PER GROSS.

	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1½	1¾	1½	2 in.
Light	8/-	8/2	8/6	4/1	4/7	5/10	7/8	9/-	12/10
Medium ...	9/10	4/2	5/-	6/-	7/10	10/-	12/-	18/6	
Strong ...	4/6	5/-	6/8	7/8	9/6	10/10	12/9	21/6	



	gross.
inch, 5/4	
" 6/-	
" 7/6	
" 9/10	
" 12/8	
" 17/-	
1½ "	21/-
1¾ "	24/6




1 inch, 6/8	476
1½ "	9/10
1¾ "	18/-
1¾ "	19/-
2 "	26/6
2½ "	37/-

A small addition will be added to the above prices for less quantities.



MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

## Brass Coat Hooks.

625.	Per Doz.	9461.	Per Doz.		
	Small, 1/6		2 1/2 in., 4/-		1 1/2 in., -/10 doz.
	Medium, 2/-		3 in., 4/6		1 3/4 in., 1/- "
	Large, 2/6		3 1/2 in., 5/-		2 in., 1/8 "
			4 in., 5/6		2 1/2 in., 1/8 "
					2 1/2 in., 2/- "
					2 3/4 in., 2/2 "
					3 in., 2/8 "

## Ormolu Patent Piano-Wire Picture Line.

Perfect Security, with Extreme Facility in Hanging.

The Line is made with a core of Steel Piano Wire of the quality used in the best pianos, and adapted to support a great strain for almost any length of time; exactly what is required for pictures.

The Patent Fasteners will be found a great convenience. A picture can be hung in a third of the time, and adjusted easily to an eighth of an inch. They make picture hanging a pleasant amusement instead of a trouble. Their cost is but trifling, and they effect an economy of the line.

Registered Nippers, made entirely of cast steel, and useful for numerous household purposes, especially for opening champagne, may be had with the Line, price 2/- each.

The price of this Line does not exceed that of other metal lines, while it has two great advantages over all others: first, the essential one that, practically speaking, it is absolutely safe; secondly, that it will keep its colour much longer.

No. 5, for Pictures up to 20 lb. ...	...	...	3/- per 100 feet.
" 6, " " 30 " ...	...	...	4/6 "
" 7, " " 40 " ...	...	...	7/6 "
" 8, " " 60 " ...	...	...	10/6 "
" 9, " " 80 " ...	...	...	18 - "
" 10, " " 150 " ...	...	...	32 - "
" 11, " " 300 " ...	...	...	54/- "

Venetian Blind and Picture Cord, all colours, kept in Stock, from 4 8 per gross yards.

MELHUIST'S, Fetter Lane, Holborn Circus. E.C.4

## Brass Head Nails.



1 inch	...	1/8 per doz.
1 1/4 "	...	1/6 "
1 1/2 "	...	1/8 "
2 "	...	1/10 "
2 1/2 "	...	2/10 "
3 "	...	3/10 "
3 1/2 "	...	5/8 "
4 "	...	6/8 "

Fancy  
Chair Nails in great  
variety.

### Drugget Pins

2/-      3/-      4/-  
per gross.



## The "Simplex" Picture Hook

Entirely removes the objectionable method of driving large nails into the wall.

Price, large size ... .. -/7 per doz.  
" small " ... .. 5 "

## Brass Cased Tube.

BEST FINISH.					
1/2	3/4	5/8	3/4	7/8	1
-/2 1/4	-/3 1/4	-/3 1/2	-/4 1/2	-/5 1/2	-/6
If cut to lengths 1d. per length extra.					1 1/4 inch. -/8 per foot.

## Picture Rod Furniture.

HALF SIZE. PER DOZEN.

4491.

8223.

1391.



5/8 in., 1 8  
3/4 " 2, -  
7/8 " 2, 8  
1 " 3/8



1/2 in. 2 -  
5/8 " 2 6  
3/4 " 2/10  
7/8 " 3/6  
1 " 4/3



5/8 in. 1 10  
3/4 " 2 -  
7/8 " 2, 8  
1 " 3/1  
1 1/4 " 4/8

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'.

## Hooks, Ends, Brackets for Brass Rods

0823.



$\frac{1}{2}$ in.,	1 3
$\frac{3}{8}$ "	1 5
$\frac{1}{2}$ "	1 10
$\frac{3}{4}$ "	2 5
1 "	2 8

6491.



$\frac{3}{8}$ in.,	1 6
$\frac{1}{2}$ "	1 9
$\frac{3}{4}$ "	2 3
1 "	2 6
$1\frac{1}{2}$ "	3 -

2/8

6423.



$\frac{3}{8}$ in.,	3 6
$\frac{1}{2}$ "	4 3
$\frac{3}{4}$ "	5 6
1 "	6 4

2423.



$\frac{1}{2}$ in.,	5 6
$\frac{3}{4}$ "	6 2
1 "	7 4

3823.



$\frac{5}{8}$ in.,	3 9
$\frac{3}{4}$ "	4 -
$\frac{7}{8}$ "	4 6

Polished -/8  
doz. extra.

These Ends can be supplied with a wood screw, same as No. 2423.



Drive 9291. Plate 0891.

$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
3/8	3/10	4/8	5/6

Stamped Rose.



Drive 3491. Plate 5423.

$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1 in.
4/2	5/6	6/-	6/8

Cast Rose.

## Stair Rods, No. 3, W.G.

22	24	27	30 in.
2/6	2/9	3/8	3/6 doz.

Stair Eyes in variety.

Stair Eyes, Pins, etc.

See page 217 for the New Patent Stair Eyes.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.



Lashing Eyes (Brass).

$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{2}$ inch.
1/6	1/10	2/4	3/-	3/6	4/-	5/- doz.

Side Hooks.



1	$1\frac{1}{4}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3 inch.
5/-	6/2	7/-	9/6	13/9	17/- gross.
-/6	-/7	-/8	-/10 $\frac{1}{2}$	1/3	1/7 doz.

Sash Knobs.



Per Gross.
in., 2/8
" 3/6
" 4/2
" 5/11
" 8/-
1 " 10/6

## Patent Stair Rod Eye.



**DIRECTIONS FOR FIXING.**—First fix part A to stair, then place outer covering B over fixed part A, then pass rod through the hole in each, thus securely fastening the rod and covering.

**ADVANTAGES.** Eyes may be removed with rod for cleaning, or when stairs require painting or cleaning, thus avoiding the dirty appearance of fixed eyes.

Easily fixed, and fastenings completely concealed.

Equal to cast in strength and durability, and much cheaper.

$$\frac{1}{4} \times \frac{1}{8} \quad \frac{7}{8} \times \frac{3}{8} \quad \frac{1}{2} \text{ inch.}$$

Dead Dipped and Burnished	8,-	9 -	11/6 per gross complete.
" " " "	-/9	-/11	1/8 " dozen "
Polished all over (Brass)	10/6	11/10	14/6 " gross "
" " ...	1/2	1/4	1/6 " dozen "

MELHUISH'S, Fetter Lane, Holborn Circus E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

# Brass Wardrobe and Hat and Coat Hooks.

PER DOZEN.



2	2 1/4	2 1/2	3 inch.
1/8	2/-	2/7	8/10

Bronzed Iron.

8/6 gross, -/10 dozen.



4061 ... 4/2

Less.

8061 ... 3/8

Larger.

1112 ... 5/6



9802.—4/-



Registered.

8136 ... 5/6 doz.

Larger ... 7/6 ..



Registered.

7186.—5/9 dozen.



5/- dozen; Larger, 7/6 dozen.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.



Solid Brass.

7½ in., 18/6 ; 6½ in., 9/-



Solid Brass.

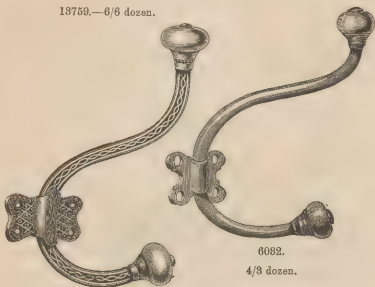
6/6 doz.



Solid Brass.

6½ in., 10/-

18759.—6/6 dozen.



6082.

4/8 dozen.

MELHUISH'S Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools -Wood and Metal Workers',



1223. -14/10 dozen.

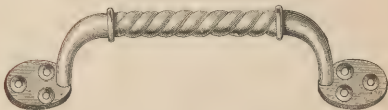


4223.

5/6 dozen.

### Brass Door Handles.

One Third Size. Per Pair.



2713.—3/6; 10 in., 4/6; 12 in. 6/.



828.

China, 3/6 pair.



2513.

Dead.

6½ in. 4/- 9 in. 5/8

Plain Bar.

6½ in. 3/8 9 in. 5/3

MELHUISH'S Fetter Lane, Holborn Circus, E.C.



4513.



8	9	10	12 inch.
4/2	5/6	7/-	9/-

8713.



Polished.

7	8	9	10 inch.
5/8	6/-	8/6	11/-

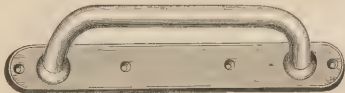
7445.



18½ inch.

Polished, 7/8 pair. Bar, 7/8 in. thick.

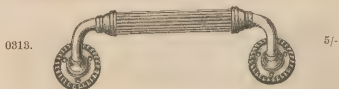
5413.



10	12	14 in.
6/6	8/-	10/- per pair.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools -Wood and Metal Workers',



Best Polished Brass.

	7	8½	10	12 in.
Ebony Grip	5/-	9/-	10/10	12/6
Brass „	4/9	8/-	10/4	12/-

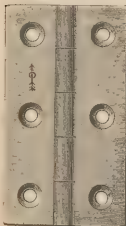


All Brass.

10 in., 9/-; 12 in., 10/10

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

2½ in. long, 1½ in. wide.



Countersunk for No. 7 Screw.

By Royal Letters Patent.

## Solid Machine-Made Best Butt Brass Hinges.

All Sizes warranted to Gauge.

**ADVANTAGES.**—Squareness of Edge, Uniformity of Thickness, Smoothness of Action, Good Finish, General Neatness.

Each Hinge is a duplicate of its fellow in length, breadth, thickness, and size of Joint; all seats may be therefore wrought to the same Gauge Lines.

The Joint is one solid piece with the Flap, and drilled through, thus giving the greatest strength possible; all bearings being accurately cut, even wear and steadiness of action are ensured.

These Hinges are packed in boxes containing one dozen pairs; each box being marked with the number of the screw for which the Hinges are countersunk.

Prices in Labelled Boxes, each containing One Dozen Pairs.

	1½ by 1½ in.	2 by 2 in.	2½ by 2½ in.	3 by 3 in.	3½ by 3½ in.
With Smoothed Fronts .. .. .	2 9	3 3	3 10	4 9	6/- 9 6
Do. do. Polished Backs, Lacquered	3 -	3 8	4 4	5/-	6 6 10/-
Polished Fronts and Backs .. .	3 6	4/-	5/-	6/-	7 6 11/-
Brass Pins, extra per dozen pairs	- 6	- 7	- 8	- 9	- 10 1/-
For Screws, No. 4	5	5	6	7	8

Samples on application.



## Narrow Brass Projecting Butt Hinges.

Sanded Fronts, Polished Backs.

2½ by 1½ inch, open	...	...	1/- per pair.
3 " 2 " "	...	...	1/8 " "
3½ " 2½ " "	...	...	2/6 " "
4 " 2½ " "	...	...	3/2 " "
4½ " 3 " "	...	...	4/4 " "
5 " 3½ " "	...	...	5/6 " "

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

803.



## Brass Butts.

Per dozen pair.

			Narrow.	Middle.	Broad.
1 $\frac{1}{2}$ inch	...	...	2 -	2/9	3/1
1 $\frac{1}{4}$ "	...	...	3/1	3/4	3/7
2 "	...	...	3/6	3/9	4/1
2 $\frac{1}{4}$ "	...	...	4/-	4/3	5/-
2 $\frac{1}{2}$ "	...	...	4/3	4/8	5/2
3 "	...	...	5 -	6/9	7/9
3 $\frac{1}{2}$ "	...	...	8/4	10/6	11/4
4 "	...	...	11/6	13/6	14/9

306.



## Best Brass Projecting Double Steel Washered Butt Hinges.

Polished Fronts.

3	by 2 $\frac{1}{2}$ inch, open	3/4	per pair.
3 $\frac{1}{2}$ "	2 $\frac{1}{2}$ " "	4/6	"
4 "	3 " "	5/4	"
4 $\frac{1}{2}$ "	3 $\frac{1}{2}$ " "	7/4	"
5 "	4 " "	9/-	"
6 "	4 $\frac{1}{2}$ " "	14/6	"

## Counter Hinges.

0521.



				Light.		
1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{5}{8}$ inch.	
11 6	13/4	17 -	21/6		- doz.	
				Strong.		
	16/-	22/-	25/-	26/6	30/-	"

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

## Folding Screen Hinges.



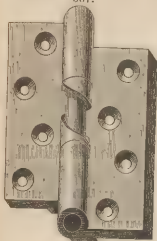
Open



Close

For Wood	...	...	4	7	1	1½	1½	1½	1½	inches.
Polished	...	...	3 9	4	4 6	5	6/-	7/-	per pair.	
Sanded	...	...	3	3 8	3 9	4 8	4/9	6/6	„	

307.



## Best Brass, Steel Joint, Rising Hinges.

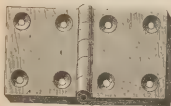
	Light.	Strong.
3 inch	8 -	8 6 per pair.
3½ „	10/-	11/6 „
4 „	11/8	14/- „
4½ „	14 -	16 - „
5 „	17/-	19/10 „
6 „	...	28/6 „

All sizes kept in Stock.

Extra sizes made to order in a few days.

## Brass Back Flaps.

\* Per Dozen Pair.



	Light	Strong.
1 inch ...	2/1	1½ inch ... 5 6
1½ „ ...	3/6	1½ „ ... 7 -
1½ „ ...	5/-	2½ „ ... 8 6
2 „ ...	8/9	2½ „ ... 16 -
2½ „ ...	16/-	2½ „ ... 21

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',



## Smith's Patent Floor Springs.

For Light Doors.

With Strap ... ..	12/6 each.
With Brass Shoes—	
1½	1½
14/6	14/6
	18 inch.
	14/6 each.

## Reliable Patent Door Spring.

R. MELHUISH and Sons call the attention of Architects, Builders, and the Trade generally, to this powerful Door Spring, which is especially made to suit the Heavy Entrance Doors of Post Offices, Banks, Exchanges, Town Halls, Club Houses, Railway Stations, and other Public Buildings.

The wearing parts are manufactured of Steel and Gun Metal, Bushed, and fitted with superior workmanship.

The authorities of the General Post Office are using them extensively; they are also fixed at the Royal Exchange, Manchester.

Size of plate, 13 by 9½ inches. Size of box, 12½ by 8½ by 5¼ inches.

Price with Shoe, 60/- each.



1½	1½	1½	2	2½	2½ inch doors.
14/6	14/6	14/6	15/6	15/6	15/6 each.

For Heavy Doors.

1½	1½	2	2½	2½ inch.
17/6	17/6	17/6	18/6	18/6 each.



## Patent Helical Door Spring.

These Door Springs are superior to any yet introduced, as the Springs do not undergo the process of hardening, but act from the natural elasticity of the Helical Coil; and as the action is controlled by the leverage, it is impossible for them to break or lose their power.

	3	3½	4	5	6	7	8	9 inches.
Iron	13 -	14	16/-	22 -	28/-	44 -	56/-	70/- doz.
	1/4	1/6	1/9	2/3	2/9	4/3	5/6	6/6 each.
Brass	20	22 -	26/-	34 -	45/-	60/-	90/-	100 - doz.
	2/2	2/6	2/10	8/6	4/4	7/7	8/7	9/6 each.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## Patent Helical Single-Action Butt Hinges.

These Hinges are superior to any yet introduced, as the springs do not undergo the process of hardening, but altogether act from the natural elasticity of the Helical Coil; and, as the action is controlled by the leverage of the hinge, it is impossible for them to break or lose their power: the patentees therefore advise their general use with the greatest confidence.



### PRICES.

	8	8½	4	5	6	7 inches.
All Iron ...	18/-	15/-	17/6	22/-	27/6	56/- dozen.
„ Brass ...	27/-	30/-	36/-	44/-	52/-	120/- „

## Patent Helical Double-Action Butt Hinges.

These Double-Action Hinges are intended for doors opening each way, and are recommended as the best substitute yet introduced in place of the floor spring; and being more easily applied, combined with great power and durability, the patentee anticipates a large demand for an article so manifestly needed.



### PRICES.

	8	8½	4	5	6	7 inches.
Iron ...	3 6	4/6	5/6	6/8	7/9	12/- pair.
Brass ...	5/6	7/-	8/6	11/8	12/10	19/6 „
7 inch for 3-inch doors, iron, 15/-; brass, 25/-						„

### Spring Hinges only.

Iron ...	2/8	3/6	4/4	5/3	6/-	... each.
Brass ...	4/-	5/-	6/-	8/6	9/-	... „

## Hasps and Staples.



¾ inch, 4/4	1½ inch, 8/3 doz,
1 „ 5/-	1¾ „ 10/3 „
1½ „ 5 10	2 „ 12/8 „
1¾ „ 7 1	

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

# Brass Door Knockers.

1889B.



5 inch, 4 9 each.  
6 " 5/9 "  
7 " 6/6 "  
10 " 8/6 "

7731.



8½ in., 4/8 each

6184.



5¼ inch, 3/9 each.  
Bright and Bronzed same price.

5722.



S. B. & R. 2/3 each.

8958.



Polished, 4/6 each.  
S. B. & R. 4/- "

0958.

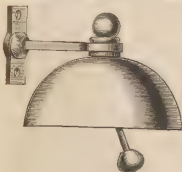


Polished, 6/3 each.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.



City Guilds Technical Institute, Health Exhibition, 1884.



## Improved Door Alarm,

With Reversible Plate for fixing.

Engraved, half full size.

3 3½ inch.

2 3 2/6 each.

A large assortment of Bells for doors  
and for wire connection kept  
in stock.

## Table Bells (Wilson's Patent).

BEST QUALITY.

9212.

1913.



3½ 3½ 4 inch.  
4/2 5/6 8/6 each.



6 - each.



3 inch Bell, 4/-

## BELL FURNITURE (Net).

Sanded End and Side Cranks.

Strong Suit.



1 fly, 1/3 doz.  
2 " 2/2 "  
3 " 3/3 "



1 fly, 1 10 doz.  
2 " 3 6 "  
3 " 5 - "

MELHUIH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',



Brass  
Leader Cranks.

1 fly, 4/9 doz.  
2 " 6/- "  
3 " 8/- "

Brass  
Pillar Cranks.

1 fly, 6/- doz.  
2 " 9/- "  
3 " 11/- "



Mortise Cranks.



Per Doz.

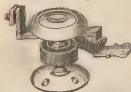
1 fly, 6/-  
2 " 8/-  
3 " 11/-

Wheel and Chain  
Crank.

Mortise, 6/9 dozen.  
Leader, 6/9 "  
End 5/6 "  
Pillar, 8/6 "



Bell Carriages.



Purchase Cranks.



Light, 5/- Medium, 7/- doz.  
Strong, 10/6 doz.

Light, 8/- Medium, 8/- doz.  
Strong, 10/6 doz.

If on Bronzed Plate, with Pillar, 1/- doz. extra.

(Brass) Bell Levers.



105

7/6  
per pair.



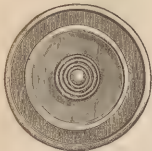
108

12/-  
per pair.

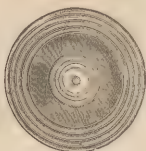
MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

## Sunk Bell Pulls.

6214.



1956.



Bronzed and Relieved.

3½ inch, 2/- each.

4 " 2 6 "

4½ " 3 2 "

5 " 4 - "

6 " 6 - "

Bronzed and Relieved. Polished.

4½ inch. 4/- 4/6 each.

5 " 5/- 5/6 "

5½ " 6 3 7 - "

Best House Bells, Turned Rim or Edge ... .. -/11½ per lb.

Copper Wire from 8 to 16 W. Gauge ... .. -/11 "

Check Springs 6 7 8 inch.

4/6 7/- 8/3 per gross.

## (Brass) Bell Pulls.

PER Dozen,



2 inch, 4/6 2½ inch, 6/-

2¼ " 5 2 3 " 7/9



S. B. & R.,

9/10



S. B. & R., 16/-

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'.



8251.

6 - dozen.



6371.

7/- dozen.

Larger,

9/- dozen.



1991.

B. & R.

21 6 doz.

### Fancy Brass Escutcheons.



0205.

2/6 doz.  
-/8 each.



0201.

2/6 doz.  
-/8 each.



0206.

1/10 doz.  
-/2½ each.



0207.

1/6 doz.  
-/2 each.



019.

3 6 doz.



110.

3 - doz.



903.

2/9 doz.



### Brass Desk Edging.

Engraved ½ Full Size.

1/6 per foot.



2/9 per foot.

Angles and Bends charged extra.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## Patent Picture Adjuster.

Line or Cord Protector.



No. 1	2	3	4	5
1/-	1/4	1/9	2/6	3/4 per doz.

No. 1 will carry a picture of 60 lbs.; No. 2, 80 lbs.; No. 3, 100 lbs.

This invention facilitates the exact adjustment of pictures without injury to the line or cord.

The weight of the picture being evenly supported on a large surface, the line or cord is not, as in the ordinary method of hanging, sharply bent at the point of suspension, and consequently is not liable to break at that point.

**Glass  
Movement.**



Small ...	7/-	doz.
Medium...	8/6	"
Large ...	18/-	"
Extra Large,	20/-	"

**Screw  
Picture Ring.**



From 1/8 to  
20/- per  
gross.

**Plate  
Picture Ring.**



From 7/- to  
60/- per  
gross.

Any quantity supplied.

## Brass Cornice Pole Rings.



Light.

1	1 1/4	1 1/2	2	2 1/4	2 1/2	3	3 1/2	4 inch.
1/10	1/-	1/2	1/6	1/8	2/-	2/9	4/-	5/- doz.

Strong.

1/7	1/9	2/1	2/9	3/6	4/-	5/6	8/-	9/9 "
-----	-----	-----	-----	-----	-----	-----	-----	-------

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## Fancy Brass Hinges.

Suitable for Cabinets, etc. Drawn  $\frac{1}{2}$  Full Size.

0110.



1/6 pair.

6415.



1/8 pair.

0112.



1/8 pair.

0108.



8 pair.

0103.



8/8 pair.

6416.



1/8 pair.

## Hinge Plate.

0126.



1/6 pair

a1144.



1 1/2 inch -/8 doz. pairs.

1 3/4 " -/10 "

2 " 1/- "

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



## Enamelled Iron Self-Acting Cupboard Catch.

Complete with Screws,

3/4 per dozen.

## Patent Automatic Button.



A New and improved Self-Acting Button or Catch, for fastening cupboard, pew and other doors, gates, casements, etc. The great advantage of this over the ordinary button is, that the act of closing the door fastens it.

3/6 per dozen.

Smaller, 8588, 1 1/4 in., 2/6 doz.

Complete with Screws.

Will suit either hand.

## Steel Ribbon Sash Line.

**ADVANTAGES.**—This Line, which is formed of several bands of watch-spring steel, covered with a binding of copper wire, and so prepared as to resist corrosion, supplies a want long felt of a material for hanging safely all kinds of, but more especially heavy, Sashes.

It can be used with the ordinary pulleys, and fixed in the ordinary way.

It is very neat in appearance, perfectly flexible, almost frictionless, does not stretch, and being practically indestructible, is in the end much cheaper than the ordinary lines and chains.



No. 1.	For Sash up to	40lb.	...	...	-/2 per foot.
" 2.	"	75lb.	...	...	-/8 "
" 3.	"	150lb.	...	...	-/1 "

MELHUISH'S, Fetter Lane, Holborn Circus E.C.

PRIZE MEDAL for Excellence of Tools - Wood and Metal Workers',

## Patent Burglar-Proof Mortise Bolt.

Can be fixed  
in five  
minutes by  
any one who  
can use a  
centre bit.



Ornamental  
in  
appearance  
and suitable  
for any  
style of door.

FOR HOTELS, PRIVATE HOUSES, OR ANY PLACE WHERE  
PERFECT SECURITY IS DESIRED.

This Burglar-Proof Bolt is intended to meet the need of a cheap, neat, and secure fastening for doors of any kind. It is round in form, and can be affixed to any part of any door, by simply boring a hole with a three-quarter inch centre bit.

It has an ornamental bronze knob, which, when the door is closed is the only part seen, and all necessity of large and unsightly "Tower" Bolts is avoided. It has no parts liable to get out of order, and when fastened it is Burglar-proof, and cannot be forced back.

18/- per dozen; 1/3 each.

## Umbrella Holders and Pans.

Scale

1-4th.



Drawn a  
quarter  
full size.

2997. 14/- dozen; 1/6 each.

2989. 18, ,, 2/- ,,

2993.

8 inch,

10/- doz.

1/2 ea.



2993.

9 inch,

11/- doz.

1/4 ea.

3003. 25/- per dozen; 2/10 each.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.





PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## Japanned Door Knockers.



27, 1/1 ea.  
27a, 1/3 "



58, -/10 ea.  
58a, 1/- "



88, 1/1 ea.



92, 1/- ea.



98, 1/1 ea.



72, -/10 ea.



148, 1/3 ea.



145, 1/9 ea.

## Locking Bars and Hasps.

For Warehouses, Shops, etc.



12 by 1½ in.	...	...	...	...	...	2/- each.
14 " 2 " "	...	...	...	...	...	2/6 "
16 " 2½ " "	...	...	...	...	...	4/- "

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



10	12	14	16	18 inch.
1/3	1/6	1/9	2/3	3/6 each.



Solid Angle (Square).

8 by 2 in.	...	...	...	...	2/3 each.
10 " 2 1/2 "	...	...	...	...	3/- "



8	9	10	11 inch.
8/-	12/-	12/6	18/- doz.
1/-	1/4	1/5	1/6 each.

Any of the above Locking Bars or Hasps can be supplied galvanized or in brass.

5663.

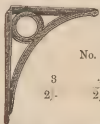


Black	...	24 by 2 1/2 in.,	5/6 each;	30 by 2 1/2 in.,	6/4 each.
Galvanized	...	do.	6/6 "	do.	7/6 "

## Round and Square Sink Traps and Covers.

All Sizes.

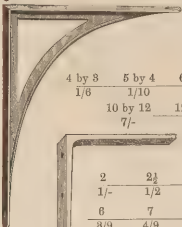
MELHUISS'S, Fetter Lane, Holborn Circus, E.C.



## Shelf Brackets.

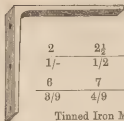
No. 2621.—Enamelled Iron, complete with Screws.

3	4	5	6	7	8	10 inches.
2/-	2/6	3/-	4/-	5/4	7/10	11/6 dozen.



Japanned.

4 by 8	5 by 4	6 by 5	8 by 6	8 by 10 inches.
1/6	1/10	2/8	3/-	4/6 dozen.
10 by 12	12 by 14	14 by 16 inches.		
7/-	9/-	10/- dozen.		



Best Malleable Iron.

2	2½	8	8½	4	5 inches.
1/-	1/2	1/6	1/10	2/1	2/10 doz.
6	7	8	9	10	12 inches.
3/9	4/9	7/9	11/6	12/4	16/- doz.

Tinned Iron Moulded Angle Brackets, 3½d. per lb.

## Partition Brackets.

Cast	24	30	36	42	48 wide.
	1/6	1/9	2/-	2/4	2/8 each.

Wrought, 18 to 48 inch, 6d. per lb.

## Heavy Ornamental Brackets.

4 by 6	5 by 7	6 by 8	7 by 9	8 by 9	8 by 10	10 by 12 inches.
2 5	3 4	3 6	4 6	4/6	4 9	7 1 each.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

## Registered Door Letter-Box.



No. 1.

Pine, Polished.

11 in. without Lock ...	1/3	each.
11 " with " ...	1/8	"
13 " without " ...	1/10	"
13 " with " ...	2/6	"
15 " " " ...	3/-	"
17 " " " ...	4/-	"



No. 2.

Ash, Polished in a superior manner.

11 in. without Lock ...	2 -	each.
11 " with " ...	2 1/2	"
13 " " " ...	3 -	"
15 " " " ...	3/9	"
17 " " " ...	4/6	"

These Letter-Boxes are constructed entirely of Wood, and of two qualities good sound Pine and in strong light Ash. They are thoroughly well made, French Polished, and will be found to possess many advantages over Tin or Iron ones; the principal points being superiority of appearance, durability in use, and price being far cheaper than anything made of Tin or Iron.

A Circular Glass Window allows the interior to be inspected without unlocking or opening.

Fancy Brass Head Nails in great variety, suitable for Mantelboards, Chairs, etc., from 1/6 per gross.

Brass Dragget Pins 1/10, 2/8, and 3/- per gross.

Brass Cot Swings, Small, 2/-; Medium, 2 6; Large, 3 - per set.

Billiard Table Fittings supplied to order.

Music Book Holders, 1/4 per dozen.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



## Oakey's Cabinet Glass Paper.

Made expressly for Cabinet and Pianoforte Makers, French Polishers, Carpenters, Carvers, etc.

White Cabinet Glass Paper, 12 in. by 10 in., 14 6 per ream; - 10 per quire.

Each sheet of the above qualities, warranted and stamped.

Oakey's Emery Cloth, 19/- per ream.

## Austin's Best Flax Sash Line (Net).

Nos.	2	3	4	5	6	7	8	9	10
	4/2	5/-	6/8	7/9	9/6	11/-	12/6	14/-	15/8 gross.

Blind Cords all Colours, per gross of 144 yards, from 3/9 to 8/-

Chair Webbing, Best, 5/-; Common, 3/3 per gross.




Twines and Packing Cord, Various, in stock.

## Door Stops or Buffers.

Small, 2/6 per dozen; Large, 4/- per dozen.

Solid Rubber with Vulcanite Centres, 5/10 per dozen.

## Japanned Goods.

		1	1 1/4	1 1/2	1 3/4	2	2 1/2	3 in.
	Screw Pulleys	..	1 6	1 7	1 9	2 2	2 6	3 6 4 2 doz.
	Screw Pulleys with Guard	...	1/9	1/9 1/2	2/3	2/6	3/-	4/3 5/1 "
	Screw Pulleys with Double	...	—	—	3/4	4/-	4/10	— — "
	Side Pulleys, Single	1/3	1/6	1/8	1/10	2/6	3/1	3/8 "
	" " Double	—	—	3/-	3 8	4 1	—	— "
	Upright Pulleys, Single	1 6	1 8	1 10	2	2 4	3 1	3 8 "
	" " Double	—	—	3/-	3 6	4 -	—	— "

## Sash Rollers.

Nos.	1	2	3	4	5	6	7	8	9	10	11	12
	-/8	-/10	1/-	1/2	1/5	1/8	2/-	3/-	3/1	3/4	3/8	4/2 doz.

## Axle and Frame Pulleys.

Frame, 1 1/2 in., 10/-; 1 3/4 in., 11/-; 2 in., 18/- per gross (net).

" Lacquered Face, 1 3/4 in., 11/6; 2 in., 16/- " "


Axle, 1 1/2 in., 13/-; 1 3/4 in., 13/9; 2 in., 19/-; 2 1/2 in., 23/6 gross (net).

" Brass Face and Wheel, 1 3/4 in., 5/6; 2 in., 6/6 per dozen.

MELHUISE'S, Fetter Lane, Holborn Circus E.C.


PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

### Cabin Hooks.



1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	6	7	8 in.
1 9	2/-	2/4	2/7	2/8	2/10	3/-	3/2	3/4	3/6	3/9 doz.

### Wardrobe Hooks.




1 7/8	2	2 1/2	2 3/4	2 5/8 inch.
4/6	5/-	5/6	6/-	7/6 per gross.
-/5 1/2	-/6 1/2	-/7	-/7 1/2	-/8 1/2 „ dozen.

### Surplice Pins.

Light.

4	4 1/2	5 inch.
9/-	11/-	12/- gross.
-/10	1/-	1/2 doz.

### Hat and Coat Hooks.



Japanned, strong, 2/- dozen ; 5/6, 7/6, 9/- per gross.  
 „ extra strong, 2/6 dozen.  
 Enamelled ditto, with screws to match, 3 -, 3 6, 4/-, 4 6 dozen.  
 Patent Wrought Iron Enamelled Hat and Coat Hook. - These  
 Hooks are strong, neatly finished, and being of Wrought  
 Iron are not liable to break, nor can the hook become  
 loosened from the plate. 3/- per dozen, with screws.  
 A sample one sent on receipt of 5 stamps, post free.


### Flush Shutter Rings and Lifts.

Rings ... 1/-, 1/3, 1/6 doz. | Lifts ... 1/-, 1/3, 1/6, 1/9 doz.

### Cleat Hooks.

			4	5	6 inches.			
Cast	...	...	-/9	-/11	1/1 dozen.			
			8	8½	4	4½	5	6 inch.
Malleable Cast	1/1	1/4	2/-	2/6	3/-	3/6 dozen.		

### Shade or Bird Cage Hooks.



	6	8	10	12 inches.
Berlin Black ... ..	5/6	6/6	8/-	9/- dozen.
Brass Expanding ditto, very neat, 22/- dozen ; 2/- each.				

MELHUISS, Fetter Lane, Holborn Circus, E.C.



## Drawer Handles.

WROUGHT PIN.

$\frac{2\frac{1}{2}}{1\ 3}$	$\frac{2\frac{3}{4}}{1\ 7}$	$\frac{2\frac{1}{2}}{1/10}$	$\frac{2\frac{3}{4}}{2/-}$	8	$\frac{3\frac{1}{4}}{2/7}$	$\frac{3\frac{1}{2}}{8/-}$	4	$\frac{4\frac{1}{2}}{3/3}$	$\frac{5}{4/-}$	5 inches. 5/10 doz. pairs.
-----------------------------	-----------------------------	-----------------------------	----------------------------	---	----------------------------	----------------------------	---	----------------------------	-----------------	-------------------------------

## Door or Sash Handles.



Nos. 582. 682. 782. 882.

1 3 1 4 2 2 4 dozen.

Fancy Patterns in Stock.

## Sash Pivots.

	$\frac{2\frac{1}{2} \times \frac{3}{4}}{-/10}$	$\frac{2\frac{5}{8} \times 1}{1/-}$	$\frac{3 \times 1}{1/3}$	$\frac{3\frac{1}{2} \times 1 \text{ inches.}}{1/6 \text{ dozen.}}$
Light Suit				

## Japanned Iron Buttons.

	$\frac{1\frac{1}{2}}{3\ 4}$	$\frac{1\frac{3}{4}}{4\ 2}$	2	$\frac{2\frac{1}{4}}{5\ -}$	$\frac{2\frac{1}{2}}{6\ -}$	$\frac{2\frac{3}{4}}{7\ -}$	3 inches. 8, 6 per gross. 9, 6 per dozen.
Medium							
"	-/4	-/5	-/6	-/7	-/8	-/9	-/11
			$\frac{1\frac{3}{4}}{1/11}$	2	$\frac{2\frac{1}{4}}{1/1}$	$\frac{2\frac{1}{2}}{1/3}$	2 inches. 2, 6 per dozen.
Buttons on Plate	...						



## Cupboard Knobs.

$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{2}$	2 inches.
4/6	4/9	5/2	5/4	6/-	7/6	... per gross.
5	-/6	-/7	-/7	-/7 $\frac{1}{2}$	- 8 $\frac{1}{2}$	... doz.

## Jack Cranes.



6	7	8	9	10	12	14 inches.
$\frac{3}{4}$	4/-	5/-	5/9	6/3	7/-	9/- dozen.
-/4	-/5	-/6	-/7	-/7 $\frac{1}{2}$	-/8	-/10 each.
Portable Jack Cranes, 8 inch, 8/10 dozen; -/10 each.						

## Door Chains.



	6	7	8	9	10 inches.
Common Japanned	5/6	7/6	7/10	9/-	10/6 doz.
"	"	- 6	- 8	9	- 10 1 - each.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

### Cornice Pole Brackets.

	2	2½	2½	2½	8 inches.
Bronzed Iron	6,	7,	7,6	8,-	9 doz. pair.
"	-/7	-/7½	-/8	-/9	-/10 single do.



### Trap Door Rings (Flush).

3½ × 2½	3½ × 2½	4½ × 3	5 × 4 inches.
2/6	3/4	4/-	6/- dozen.

### Sash Screws.

1½	1½	2	2½	2½	3	3½	4	4½	5	6 inches.
1/3	1/4	1/6	1/7	1/9	1/10	2/-	2/1	2/3	2/6	2/8 dozen.

### Castors.

							<u>1½</u>	<u>1½</u>		<u>1½</u>	<u>2 inches.</u>							
Bedstead Wood Bowl	...						4/-	4/6		5/4	6/- dozen sets.							
Nos. 1	2	3	4	5	6	7	8	9	10	12								
Three-wheel	5	9	6	6	7,-	7	6	8	6	9/4	10,-	11	6	14/6	16	6	23	- doz. sets.
											1	1½	1½	1½				
Screw Castors, Bronzed Horn China Bowl	10	12	-	13,-	14	6	doz. sets.											

### Casement Stays.

Japanned.



6	7	8	9	10	12	14	16	18 inches.
3/9	4/1	4/4	4/6	4/8	5/6	6/6	7/6	9/- dozen.

### Tower Bolts.

Best Bright.

4	5	6	7	8	10	12 inches.
1/8	2/1	2/9	3/1	3/10	4/6	5/4 per dozen.

### Barrel Bolts.

Brass Knobs.

4	5	6	7	8	10	12 inches.
2/10	3/6	1/6	5/3	6/-	7/6	3/- per dozen.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

### Norfolk Latches.

0	1	2	3	4	5	6
2 8	3/6	4/4	5/2	6/8	7/-	8/- per dozen.

### Suffolk Latches.

0	1	2	3	4	5	6
3/6	4/6	5/4	6/4	7/6	8/4	9/8 per dozen.

### Cornice Slides.

	2½	3	3½	4 inches.
Tinned ...	6/9	8/6	9/6	11/- per gross.

### Hinges.

	1½	2	2½	3	3½	4 inches.
Cast Iron Butts, 200 ...	11	13	16	2/1	28	31 doz. pairs.
" " 333 ...	1/1	1/6	1/10	2/8	3/2	3/10 "
" " 564 ...	1/5	1/11	2/5	3/2	4/2	4/11 "
	2	2½	3	3½	4	5
Butts, Rising or Skew	63	69	79	10-	12,1	13,-
Ditto, Loose or Lifting	2/-	2/8	3/6	4/6	6/-	—
						23,6 doz. pairs.

### Wrought Back Flaps.

Best Lancashire.

1	1½	1¾	1½	2	2½ inches.
2,2	2,9	3/-	4/8	5/8	10/- dozen pairs.

### Tee Hinges.

Patent.

6	8	10	12	14	16	18 inches.
3,1	3/7	4/2	4/7	5/9	7/7	11/- dozen pairs.

### Chest Hinges.

Best Lancashire.

4	5	6	7	8	9	10	12 inches.
2 6	3/2	3/9	4/6	5/4	6/6	7/8	11/6 dozen pairs.

### Straight and Bent Strap Hinges.

4	5	6	7	8	9	10	12 inches.
3 -	3/6	4/3	4/10	6/-	7/8	8/8	13/- dozen pairs.

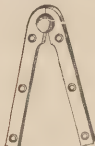
MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

**PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers'.**

No. 1776.

**Water-Joint Tee Hinges.**

8	10	12	14	16	18 inches.
3 6	3 10	5 3	7 -	9 -	13 - doz. pairs.



**Step Ladder or Trestle Joints.**

6	8	10	12	14 inches.
1/8	1/10	2/4	3/-	3/6 per pair.



**Swing Hooks.**

Japanned, Wood Screw, 6/6 per dozen.  
 „ With Nut ... 7/- „

2771.

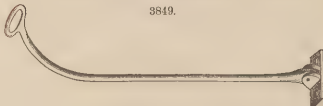
**Swan Necks.**



Full Length.	Projects.	Japanned.	Brass.	doz.
4	1 1/2	...	2/3	7/-
5	2	...	2/9	8/-
6	2 1/2	...	3/-	9/-
7	3	...	3/6	10/6

**Greenhouse and Skylight Stays.**

3849.



6	8	9	10	12	15	18	21	24 in.
4/-	4/8	5/1	5/8	7/-	8/-	9/-	12/-	16/- doz.

**Bannister Rail Brackets.**

2	2 1/2	3	3 1/2	4	5	6 in. projection.
4/6	5/6	6/6	7/6	8/6	10/-	11/- doz.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

# Chest Stays.



10	12	14	16	18	20	24 in. when open.
5/6	6/-	6/8	7/-	7/6	8/4	9/- doz.

# Drawback Hooks.

For Locks.



4½ in. by 2 in.  
Iron, 4/- dozen.  
Brass, 18/- "

# Card Frames.



Berlin Black 4/- doz.  
Copper Bronzed 4/6 "  
Brass ... 7/6 "

# Brass Cocks.

Can be had in half-dozens at dozen rates.



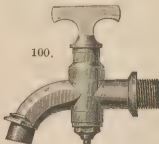
Bottling Cocks, Loose Key	...	...	...	2/4 each; Lock, 2/6 each.
Beer	"	...	...	from 1/8 to 4/- each.
"	"	Syphon	...	3/6 each.
Range Cocks, No. 1	...	...	in.,	15/6 per dozen; 1/6 each.
"	"	"	2	23/6 " " 2/8 "
"	"	"	"	37 6 " " 3/4 "
"	"	"	Best	1 " 92/6 " " 8/- "

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

## Brass Cocks.

Can be had in half-dozens at dozen rates.

100.



Bib S. B. & R. "	100	...	...	1 in.,	27/6 per dozen;	2/6 each.
"	"	"	"	"	37/6 "	3/4 "
"	"	"	"	"	48/- "	3/10 "

815.

Bib Screw-Down or High Pressure, No. 815.

Bib ...	...	...	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{4}$	1 inch.
Plain Shank	...	19/-	27/-	30/-	45/-	doz.
"	...	1/9	2/6	2/9	4/-	each.
Screwed for Iron...	...	21/-	28/-	33/-	50/-	doz.
"	...	2/-	2/8	3/-	4/6	each.
With Screw Boss	...	24/-	32/-	36/-	56/-	doz.
"	...	2/8	3/-	3/4	5/-	each.



High Pressure, Turned End Stop Cocks, 812.

$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{4}$	1 inch.
19 -	27	30 -	45 - doz.
1/9	2/6	2/9	4/- each.

Ball Valves, High Pressure with Copper Balls.



	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{4}$	1 in.
Screwed for Iron	16/6	24/-	29/8	34/-	53/- doz.
" "	1/6	2/3	2/8	3/2	4/9 each.

If with Screw Boss, -/6 each extra.

If with Screw Boss, -/6 each extra.

Basin Cocks, Right or Left Hand, 400.

Yellow Metal,  $\frac{3}{8}$  in., 22/6 dozen; 2/- each;  
 $\frac{1}{2}$  in., 34/- doz.; 3/- each.



Urn or Basin Cocks, 102.

Yellow Metal,  $\frac{5}{8}$  in., 39/- doz.; 3/6 each;  
 $\frac{1}{2}$  in., 47/8 doz.; 4/5 each.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

698.



## Brass Grates for Sinks.

2	2½	2½	3	3½	4 inches.
8/4	8/10	4/4	6/2	8/-	10/- per dozen.
-/4	-/4½	-/5	-/7	-/9	1/- each.

287.



## Spindle or Sighted Valves.

¾	1	1½	1½ inch.
12/-	16/6	28/6	31/- per doz.
1/2	1/8	2/2	2/10 each.

Other kinds of Valves supplied to order.

578.



## Yellow Metal Plugs and Washers.

½	¾	¾	¾	1	1½	1½	2 inches.
12/6	13/5	15/3	18/4	21/6	30/-	40/-	61/- per doz.
1/8	1/4	1/6	1/8	2/-	2/8	8/7	5/6 each.

Ferrules, Unions, Boiler Screws, Joints, Tapping and Bottling Cocks supplied.

Lea's Patent (Iron) Butt Cocks, ½, ¾, 1, 1½ inch.

## Wire.

Flower Wire, on Reels, Blued, 3/8 per dozen, -/4 each.

Tinned, 5/4 -/6

Galvanized Iron Wire, Nos. 1 to 16 W.G., 2 8 per 7 lbs., -/5 per lb.

Black " " " " " " 1/7 " -/8 "

Galvanized " " for "Garden" purposes, 2/8 " -/5 "

Brass Wire, -/10½ per lb. Binding Wire, etc.



## Galvanized Wire Strainers.

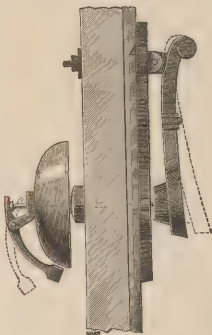
1½	2	3	4	5 inches.
6 -	8/2	10/-	15/-	19/- per dozen.
-/7	-/8½	1/-	1/5	1/9 each.

## Vinery Eyes.

2	3	4	5	6	8	10 inches.
9/6	12/-	18/-	14/6	17/6	28/-	28/- per gross.
-/10	1/2	1/8	1/4	1/6	2/2	2/6 " dozen.

MELHUIH'S, Fetter Lane, Holborn Circus, E.C.

## Patent Knocker-Bell.



SIDE VIEW.



FRONT VIEW.

N.B.—Added to the economy of the Knocker-Bell over the present expensive plan of fixing on the door-case a Bell, as well as a Knocker on the door, (necessitating two distinct movements to act on both), is that, with the Patented Knocker-Bell, one movement of the hand gives two distinct sounds of Knocker and Bell, with the certainty of arresting attention, from the fact that some ears can only catch the high note of a bell, whereas others can only distinguish the low note of a knocker.

Bronzed and Relieved Iron Knocker and Bell ... 4/- each.

Size of Knocker,  $7\frac{3}{4}$  by  $2\frac{3}{4}$  ins. ; Bell,  $8\frac{3}{4}$  ins.

RD. MELHUISH AND SONS beg to state that the above Bells can be adapted to your own Knocker, or to any other patterns they have in stock.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



## Patent Bookcase Shelf Fittings.



The Fittings are specially adapted for the Shelves of Bookcases or other Shelves, the adjustment of which has from time to time to be varied, to suit the varying requirements of a library, etc. The method hitherto generally adopted for such shelves is to support them at each end by two studs, the heads of which are mortised into the shelf.

The Patent Fittings remedy this, and save both time and trouble. In place of the rows of holes so far apart, are metal strips, perforated at intervals of three-quarters of an inch.

The insertion at the required intervals of the plates into the perforation in these strips is made instantaneously; consequently, the position of the shelf can be easily altered, without an irritating expense of trouble and waste of time.

The thinness of the plates renders any mortise in the shelf unnecessary, and the small intervals between the perforation in the strips enable the whole space occupied by the shelves to be used most economically. These Fittings, when used with a shelf sufficiently strong itself

to bear the weight, will support without strain more than half a ton. Prices and samples on application.

Iron Strip, - 4 per foot. Iron Plates, 7 - per gross ; - 8 per dozen.  
Brass " - /10 " Brass " 10/6 " 1/- "

We beg to call your attention to our

## New Steel Clasp, Clout, and Rose Nails.

These being made of specially prepared soft Steel, are in every respect equal to Wrought or Patent Nails. They are but a trifle more expensive than Cut, and much cheaper than Wire Nails, and are strongly recommended for all purposes for which a thoroughly good Nail is required.

These Steel Cut Nails are specially suited for Builders, Joiners, Coopers, Packing-Case Makers, etc., and a single trial is sufficient to convince anyone of their superior quality and cheapness. They can now be supplied at only 1,6 per cwt. more than the price of the ordinary Common Iron Cut Nails.

Sample and Price on Application.

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

**PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',**

**NAILS (Best English Cut).**

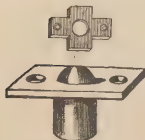
	3 to 6	2½	2	1½	1¼	1 inch.
Cut Clasp or Rose ...	9 9	10 6	11 -	12½	13 -	15 - per cwt.
„ Floor Brads ...	...	9/6	10/2	...	...	... „
„ Lath Nails ...	...	1	7/8	¾	...	... inch.
		12/6	13/6	14/6	...	... per cwt.
	½	5/8	¾	1	1½	2 inch.
Joiners' Brads 1, 2	1½	1, 7	2, 4	2, 9	1 -	4 10 per 10 M.
„ „	-1½	-1½	-2	-3	-3½	-5 „ 1 M.
	¾	¾	¾	¾	1	... inch.
Cut Tacks ...	1/2	1/7	2/-	2/5	2/9	3/2 ... per 10 M.
„ „	...	-1½	-2	-2½	-3	-3½ „ 1 M.
„ Copper Tacks from 1, 2 per lb., according to length.						
„ „ Rivets and Burrs, 1/7 per lb.						
Gimp Pins, all colours, - 11 per lb. : Brass or Escutcheon do, 1 3 per lb.						
Wrought Clasp ...	-3	-4	-5	-6	-8	-10 1 s
Weight per M. ...	2	3	4	5	7	10 18 lbs.
	1/6	1/9	2/-	2/3	2/9	3/1 4/10 per M.
Clouts, fine wrought ...	...	...	-2	-3	-4	-6 -8
Weight per M. ...	...	...	1½	2	3	5 7 lbs.
			1/1	1/4	1/8	2/2 2/7 per M.
Clouts, strong ...	-2	-3	-4	-6	-8	-10 1/-
Weight per M. ...	1½	2½	4	7	9	12 16 lbs.
	1/0½	1/3	1/7	2/4	2/9	3/6 4/6 per M.
		1	1½	1½	2	2½ 3 inch.
Clouts, Best Iron ...	...	5	7	9	16	24 32 lbs.
Weight per M. ...	...	3/-	3/10	4/2	6/4	8/8 11/6 per M.
		-8	-7	-6	-5	-4½ -4½ per lb.
Wall Hooks and Holdfasts ...						17/2 per cwt.
Patent Chunk Rose Nails (fine) ...						...

**Best Wire Nails.**

	7	14	28	56	112 lbs.
¼ in. by 17 S. Wire Gauge	2 3	4 2	7 9	11, 9	28 -
1 „ „ 16 „	1 10	3, 4	6, -	11 3	21 6 „
1½ „ „ 15 „	1/8	3/1	5/8	10/10	20/6 „
1½ „ „ 14 „	1/6	2/10	5/2	9/6	18/- „
2 „ „ 12 „	1/5	2/4	4/4	8/-	15/- „
2½ „ „ 12 „	1/5	2/4	4/4	8/-	15/- „
2½ „ „ 10 „	1/5	2/1	3/10	7/-	13/- „
3 „ „ 9 „	1/2	2/-	3/8	6/9	11/10 „
3½ „ „ 9 „	1/1	1/11	3/4	6/-	11/- „
4 „ „ 8 „	1 1	1 11	3 4	6 -	11 - „

**MELHUISE'S, Fetter Lane, Holborn Circus, E.C.**

## Latches.



008.



60.



A Self-Acting Latch for Shutters, Cupboards, Wardrobes, Sideboards, Library Furniture, and Indoors of all descriptions. Acts without turning a knob: is simple, effective, and very cheap.



No. 1.

No. 0.	Flush Latches, 1 by $\frac{3}{4}$ in. Plate	...	4/-	per dozen.
" 1.	" " $1\frac{1}{2}$ " $\frac{1}{2}$ "	...	4/-	"
	Cut Cupboard, 3 in., 19/-; $3\frac{1}{2}$ in.	...	21/-	"
" 2.	Flush Latches, $1\frac{1}{2}$ by $1\frac{1}{4}$ in. Plate	...	6/-	"
	Mortise Cupboards	...	23/-	"
" 3.	Flush Latches, $1\frac{1}{2}$ by $1\frac{1}{2}$ in. Plate	...	7/6	"
	Pedestal	...	25/-	"
" 3a.	Mortise Bolt	...	4/3	"



No. 4.

### Revolving Ball Latches—

Nos.	004	005	006	007	008	009	0010
	$\frac{3}{8}$ in.	$\frac{7}{16}$ in.	$\frac{1}{2}$ in.	$\frac{5}{8}$ in.	$\frac{3}{4}$ in.	$\frac{7}{8}$ in.	1 inch Ball.
	9/-	10/6	11/6	14/-	16/-	18/6	21/6 per doz.

## Steel Wire Sofa, Chair and Mattress Springs.

Height.	Gauge.	Coppered.	Bright.
12 in.	6	27/-	26/- per gross.
10 "	6	23/-	19/6 "
9 "	6	20/6	18/6 "
8 "	6	18/6	17/- "
7 "	6	17/9	16/- "

Tied down and papered in parcels of one dozen, 1/6 per gross extra.

Tied ends, 1/3 per gross less than coiled.

N.B.—RD. MELHUISH & SONS beg to state that they do not stock the above, but supply to order in quantities of not less than  $\frac{1}{2}$  gross.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

**PRIZE MEDAL for Excellence of Tools — Wood and Metal Workers',**

**Boyle's Patent Ventilators.**

Self-acting Outlet Ventilators for ventilating through Chimney Breasts into Smoke Flues or other Shafts.

The Valves are composed of Mica, which is light, rigid, and incorrodible; they are so sensitive that they act with the slightest appreciable motion of air, and effectually prevent down draughts.

Size of Front ...	11 by 5	11 by 7	11 by 9	11 by 11	16 by 11 in.
Size of Box ...	9 by 3	9 by 5½	9 by 7½	9 by 11	13½ by 9½ "
Plain Iron ...	4/-	6/-	9/-	11/-	16/- each.
Japanned Bronze ...	5/-	7/-	10/6	13/-	18/- "
" White and Gold ...	6/-	8/-	11/6	15/-	20/- "
Brass Trellis Fronts ...	7/-	10/6	14/-	18/-	25/- "
Brass Hit and Miss Fronts, to enable the Ventilator to be closed or opened by means of a cord on each side					
	20/-	25/-	—	—	"

**Arnott's Patent Ventilators.**

Size ...	9½ by 7½	11 by 8	12 by 9	15 by 9 in.
Bronzed Iron, Plain Front ...	6/6	7/6	8/4	10/3 each
" " Brass " ...	11/6	16/6	20/-	23/- "
Size ...	10 by 5	10 by 6	11 by 8	12 by 9 in.
Perforated Brass Front ...	9/9	12/10	16/-	19/- each.
" Bronzed Iron ...	5/-	6/6	8/-	9/4 "

**Hit and Miss Bronzed Iron Ventilators.**

3 by 4	3½ by 6	3½ by 9	3½ by 12	4 by 9	4 by 12	6 by 9 in.
-/8	-/10	1/2	1/9	1/6	2/-	2/3 each.
6 by 12	6 by 18	9 by 12	12 by 12 inch.			
3/-	4/6	4/3	5/-	each.		

To open and shut by means of a line, -/8 each extra.

**Bolts and Nuts.**

Black Cup, Cheese or Countersunk Head, Square Head and Neck.

Length ...	¼	⅝	¾	1	1½	2	1 inch.
2 inches long and under... }	4/6	4/10	6/1	gross	23/-	21/-	20/- 20/- cwt.
2½ to 3 inches... }	4/10	5/6	{ 7/8 to 8/10 }	"	21/-	19/2	18/3 18/3 "
3 to 3½ " ... }	5/10	6/6	per gross	{	...	19/2	18/3 17/2 17/2 "
3½ to 4 " ... }	6/4	7/-	"	{	...	19/2	18/3 17/2 17/2 "
4½ to 4¾ " ... }	7/-	7/10	"	{	...	19/2	18/3 17/2 17/2 "

**MELHUISE'S, Fetter Lane, Holborn Circus, E.C.**

## Square-Head Pointed Coach Screws.

Length under Head to Point	...	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$ inch
2 inches long and under	...	3 10	4 6	5 10	6 2 per gross.
2½ to 2¾ inches	...	4 4	5 -		
2¾ to 3	...	5 7	5 6	6 6	7 6 "
3 to 3½	...	5 6	6 -		
3½ to 4	...	6 -	6 8	...	"

Larger Sizes in Stock from 17/- per cwt.

Square Hexagon-Head Bolts and Nuts supplied to order. Also Plough-Deck, Carriage Tyre Set Screws, Bolt Ends, Nuts, Rivets, Washers, etc.

## The Perfect Filter.



This Filter is manufactured in hard Stone-ware, and fitted with a movable lining, a special feature to which we would direct particular attention.

Every part is accessible, and may therefore be kept perfectly fresh and wholesome.

The filtering medium is a solid block of Carbon, and the perfect filtration of every drop of water which may pass into the pure water chamber is ensured.

This Filter is generally pronounced to be



the perfection of a Sanitary Filter, and is strongly recommended.

Size	...	...	...	00	0	1	2	4
Price	...	...	...	15/-	20/-	25/-	30/-	40/-
Holding	...	...	...	2	3	4	6	8 Gallons.

## India Rubber Door Springs.

Fitted with Screw and Hook. If with Brackets extra.

A	B	C	D
6/-	8/-	11/-	15/- per dozen.
-/7	-/9	1/-	1/5 each.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

Glue.

Scotch	...	...	...	66/-	60/-	54/6	—	per cwt.
Town	...	...	...	45/-	40/-	44/6	—	"
French	...	...	...	48/-	44/6	48/9	44/-	"

*We keep experienced Workmen on the Premises.*

Lock Makers' and Key Cutters  
of every description, and Nickel  
Plated or in Silver.

Correspondents will please note  
that any Keys can be sent by the  
ordinary Post.

Our Prices for making same  
are from 20 to 35 per cent. less  
than Patentees' charges.



TRADE KEY LIST.

	4	5	6	7	8	9	10 inch.
Rim Keys, Ordinary	1/10	1/10	1/10	2/2	2/9	3/4	4/4 doz.
Ditto, No. 40	1/10	1/10	1/10	2/2	2/9	3/4	4/4 ..
Ditto, No. 60	1/10	1/10	1/10	2/2	2/9	3/4	4/4 ..
Ditto, No. 230 (Small Bit)	...	...	1/10	2/2	...	...	...
Ditto, Thin Bit	...	2/1	2/2	2/6	3/3	...	...
Ditto, Solid Ward	2/6	2/6	2/8	3/2	3/9	4/6	5/3 ..
Ditto, Thin Bit	2/6	2/6	2/8	3/2	3/9	4/6	5/3 ..
Ditto, Bushed, -/2 per dozen extra.							
Rim Blanks, Solid or B. & C.							
Ward	1/8	1/8	1/8	1/11	2/6	3/-	4/- ..
Plate Keys, Fine	...	...	1/6	1/10	2/4	2/10	3/6 ..
Extra Strong	...	...	2/3	2/9	3/4	4/-	5/- ..
Ring Bow	...	...	...	...	5/-	6/-	7/6 ..
Blanks, Fine	...	...	1/3	1/7	2/1	2/7	3/3 ..
Extra Strong	...	...	2/-	2/6	3/-	3/8	4/- ..
Ring Bow	...	...	...	...	4/8	5/8	7/- ..
Pipe Thick Bitted, for Safes, etc.	3/-	3/6	4/3	5/-	6/-	...	...

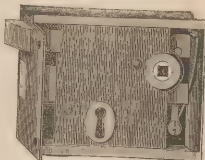
MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

City Guilds Technical Institute, Health Exhibition, 1884.

SPECIAL NET TRADE PRICES FOR LOCKS AND LATCHES.

**Rim Locks.**

6 in., best finished, with stout Rims, Bolts, and Staples, Complete, with Brass Furniture...	11/6 doz.
With Brass Followers	13/- "
Stout Double Bushed	15/6 "
Two-lever ditto ...	30/9 "
5 in., Registered Pat- tern, Fancy Flange	21/- "
6 in. Patent Globe Bolt, will do for Right and Left Hand.	
If 7 in. Brass Furniture is put to 6 in. Locks, a charge of 2/8 per dozen extra.	

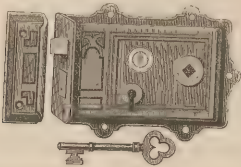


**Bolted Rim Latches.**

4 in. Plain	...	Complete with Brass Furniture.	
5 in. Brass Bushed	...	2/6 each; 6 in. ditto	9/- per dozen 3/- each.

**Night Latches.**

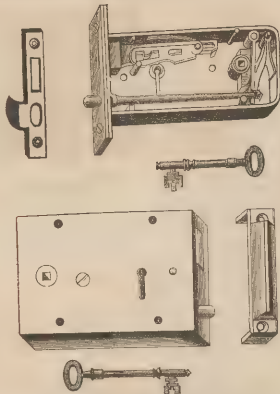
Common One-wheel Night Latch	...	Two-keyed.	9/3 per dozen.
Ditto, Double-banded Bushed	...		12/6 "
Two-lever Night Latch	...	4/3 each	41/- "
Ditto, Pin Keys, very good	...	6/6 "	57/- "
Six-lever Milled Knob and Turn	...	10/3 "	110/- "



MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

**PRIZE MEDAL** for Excellence of Tools—Wood and Metal Workers',

## Patent Globe Bolt Mortise and Rim Locks.



These Locks possess great advantages over any others yet offered to the Public.

They are suitable for either hand, without the trouble of opening the Lock, or in any way interfering with the Latch Bolt to reverse it. When this is done by an inexperienced person it often prevents the Lock working properly afterwards.

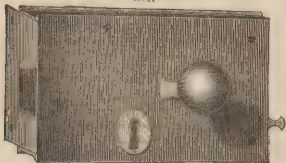
The Latch Bolt being round, the friction is much reduced, which renders it a smooth and easy action, and the objectionable sharp edge of the ordinary Latch Bolt being dispensed with, prevents injury to children or tearing of clothes. Prices free by post.

**MELHUISH'S, Fetter Lane, Holborn Circus, E.C.**



## Drawback Locks.

301.



	7	8	9	10 inches.
Fine Ward ...	24/-	26/-	34/-	44/- per dozen.
With Back Slide ...	28/-	31/-	40/-	45/- "

## Iron Cupboard Locks.

3½ in. and 4 in., all Tumbler.

Strong Double-handed ...	2/-	3/-	4/6	5/-	up to 30/- per dozen.
--------------------------	-----	-----	-----	-----	-----------------------

## Mortise Locks.

Japanned Case, Round End, Brass Face, Iron Bolts ...	16/-	per dozen.
Ditto ditto ditto ...	22/-	"

A large assortment of Mortise Locks in Stock.

Every description of Lock made to order.

large variety of Brass Straight and Cut Cupboard Locks, Wardrobe, Pedestal, Camp Desk, Sloping Desk, Scarboro' Trunk, Brass and Iron Padlocks, Link Plate, Cupboard, and various other Locks.

Rim, Dead, Drawback, and Mortise Locks.

Night and Pulpit Latches, etc.

Cabinet Locks of all kinds.

## Tail Door Springs.

	12	14	16	18	20	22	24 inch.
Common ...	8/-	9/-	10/-	10/9	11/-	12/6	13/- dozen, net.
Strong ...	11/-	12/-	13/-	13/6	13/9	16/-	16/9 " "
Extra ...	13/-	13/9	14/6	15/3	16/9	17/9	19/- " "

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.

**PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',**

## **Gas Cooking and Hot Plates.**

Drawings supplied on application, or by Post for Two Stamps.

## **Bower's Patent Potato Steamer.**

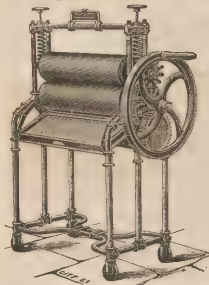


**STEAMING.**

This invention is designed to meet an almost universal and daily want, viz., the means of cooking with certainty and precision all the various sorts of potatoes that are brought to consumers. Experience only—experience dearly bought, if ever acquired—teaches that some potatoes will only boil, and not steam, and that others will steam, and not boil. Experiments, carefully conducted, have failed to discover any sort of potato which cannot be successfully cooked by this new invention.

The diagrams as shown clearly indicate the working of it. The inner lining, filled with potatoes, is placed in the bottom of the vessel, with sufficient water to well cover the potatoes. After boiling fifteen minutes the lining is raised and fixed at the top, and in about twelve minutes, according to size, they are steamed to perfection.

Sizes, 3 lbs., 5 - : 4 lbs., 6 - ; 6 lbs., 7/6



## **"SAFETY"**

## **Wringer & Mangle.**

Framing Unbreakable, being  
made of Wrought Iron.

Pressure instantly Applied or  
Released.

Breakdowns Impossible.

A Perfect Mangle.

Prices on application.

**MELHUISS'S, Fetter Lane, Holborn Circus, E.C.**

## Gas Fittings

OF EVERY DESCRIPTION, AND OF THE LATEST DESIGNS.

Stiff Brackets ...	...	...	...	each and upwards	0	1	3
Swing Brackets ...	...	...	...	"	0	1	9
Double Brackets ...	...	...	...	"	0	3	0
Ornamental Tube Brackets ...	...	...	...	"	0	3	3
Double do. do. ...	...	...	...	"	0	4	6
Scroll Brackets ...	...	...	...	"	0	7	6
Kitchen Pendants, stiff ...	...	...	...	"	0	3	6
Ditto, do., to slide ...	...	...	...	"	0	4	6
Harp Pendants ...	...	...	...	"	0	5	0
Tripod Pendants ...	...	...	...	"	0	10	0
Hall Lanterns, with leaded stained glass ...	...	...	...	"	1	0	0
Table Reading Lamps ...	...	...	...	...	0	6	6
Billiard Lamps, four or six lights ...	...	...	...	...	3	0	0
Bronzed Gaseliers ... 2 lights, 20/-; 3 lights, 25/-; 4 lights, 35/-; 5 lights, 60/- each and upwards.	...	...	...	...			
Polished Gaseliers ... 2 lights, 30/-; 3 lights, 39/-; 4 lights, 48/-; 5 lights, 65/- each and upwards.	...	...	...	...			

Gas Globes, flint or opal, 9/- per dozen.

Sugg, Bray, Bronner, and Peebles' Burners.

## Argand Bunsen.

A cheap, simple, and indestructible burner for small work.

The flame of these burners is shorter, more compact, and higher in temperature than an ordinary Bunsen, and is also free from smell.

The air supply is self-adjusting.

The sizes given are the bore of the horizontal tube.



		Gas Consumption.		Price, with tripod.	Price, without tripod
$\frac{1}{2}$ inch size ...	...	$3\frac{1}{2}$ feet per hour.	...	2/-	1/6
$\frac{3}{4}$ " " ...	...	7. " "	...	3/-	2/-

All the above work perfectly with Air Gas or Coal Gas, but if the gas is rich, the tip of the brass gas jet may want knocking in a shade smaller. If made too small, the burner lights back.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

## Painters' Burning Tools.



For connecting with an ordinary gas supply by indiarubber tubing. The side lugs form a guide and rest for the tool.

Price, 4/6.

For outside work the Automaton Blowpipe and Footblower are preferable, doing the work rapidly and perfectly in a storm of wind.

Re-cementing Bicycle Tyres and Singeing can also be satisfactorily done with this burner.

## Workshop Burners.



These are specially constructed for rough usage and dirty work. Like the High Power Burners, they are theoretically correct in all details, and are the highest power it is possible to construct of their respective sizes.

The following stock sizes are kept:—

Size across Bar.		Maximum Gas Consumption, at $\frac{1}{2}$ Pressure.		Price.		Gas Supply Pipe required.
8 inch.	...	90 feet per hour.	...	14/6	...	$\frac{3}{4}$ inch.
12 "	...	130 " "	...	30/-	...	1 "
18 "	...	200 " "	...	42/-	...	1 $\frac{1}{2}$ "

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## A Perfected High Duty Gas Burner FOR ALL HEATING PURPOSES.

This Burner, the result of many years' costly experimenting, is an improvement on the well-known Patent Solid Flame. The duty obtained is equally great, with the following advantages:—

It has no loose parts, and is practically undamagable and indestructible with the roughest use.

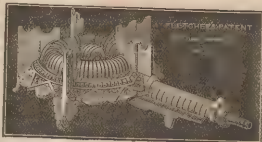
It is entirely made of annealed cast-iron, and has no loose cap or gauze.

It works equally well with both English and Scotch gas, and, if choked with dirt, can be cleaned in a minute with a card or knife.

The flames are without any tendency to run to a point in the centre: the carbonic oxide flame is unusually short.

PRICES.—**S R.**, small circle as engraved, outside diameter 6 inches, maximum gas consumption 12 feet per hour at  $\frac{1}{10}$  pressure, total height  $3\frac{1}{2}$  inches. Price 4/6.

**L R.**, large circle, similar to above, outside diameter 8 inches, maximum gas consumption per hour 18 feet at  $\frac{1}{10}$  pressure, total height  $3\frac{1}{2}$  inches. Price 6/6. This is for pans and vessels 10 to 18 inches diameter.



No. 8R. — A simpler and cheaper pattern, same power as the small circle.

Price 2/-

This is a valuable burner for rough, dirty work.



## Gas Boiling Stoves.

Nos. 0	1	2	3	4	5 Double Ring.
2/-	2/6	2/10	3/4	4/-	9/- each.

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools - Wood and Metal Workers',

# Galvanized Iron Cisterns.

Tanks supplied, as sizes, on one day's notice.

Length. ft. in.	Width ft. in.	Depth ft. in.	Gallons. about.	Price each. £ s. d.
1 9	1 3	1 6	20	0 17 0
2 0	1 6	1 7	30	0 19 0
2 4	1 7	1 9	40	1 4 0
2 6	1 7	2 0	50	1 8 0
2 8	1 10	2 0	60	1 11 0
2 8	2 0	2 2	70	1 14 6
3 0	2 0	2 2	80	1 17 0
3 2	2 2	2 2	90	2 0 0
3 0	2 2	2 6	100	2 2 0
3 3	2 2	2 6	110	2 5 0
3 4	2 4	2 6	120	2 8 0
3 4	2 6	2 6	130	2 12 0
3 6	2 6	2 6	140	2 14 0
3 6	2 6	2 9	150	2 17 0
3 9	2 8	2 10	175	3 6 0
4 0	2 8	3 0	200	3 11 6
4 1	3 3	3 0	250	4 10 0
4 7	3 6	3 0	300	5 6 0

Special Prices for Cisterns of irregular shapes.

# Galvanized Wire Netting.

7/8 INCH MESH. FOR AVIARIES, PHEASANTRIES, ETC.

Made any width up to 4 feet.

PRICES PER LINEAL YARD.

Mesh. Inch.	Gauge.	12 Inches Wide. s. d.	18 Inches Wide. s. d.	24 Inches Wide. s. d.	30 Inches Wide. s. d.	36 Inches Wide. s. d.
7/8	20	0 6	0 9	1 0	1 3	1 6
19	19	0 7	0 10 1/2	1 2	1 5 1/2	1 9
18	18	0 8	1 0	1 4	1 8	2 0
17	17	0 10 1/2	1 3 1/2	1 9	2 2 1/2	2 7 1/2
16	16	1 1 1/2	1 8 1/2	2 3	2 9 1/2	3 4 1/2
22	22	1 4 1/2	2 0 1/2	2 9	3 5 1/2	4 1 1/2
20	20	1 6	2 3	3 0	3 9	4 6
19	19	1 9	2 7 1/2	3 6	4 4 1/2	5 3
18	18	2 0	3 0	4 0	5 0	6 0

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

## Wrought-Iron Tubes and Fittings.

BLACK (Galvanized extra).

Internal Diameter.	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.
Tubes in lengths from 2 to 14 ft. per ft.	-.24	-.3	-.31	-.41	-.6	-.8	-.11	1,2	1/6	1/9
Do., 12 to 23 $\frac{1}{2}$ in. each	-.4	-.5	-.7	-.9	1/-	1/4	1/8	2/-	2/6	3/-
Do., 3 to 11 $\frac{1}{2}$ in. "	-.2	-.3	-.4	-.6	-.8	-.11	1/1	1,4	2,-	2/3
Connecting pieces or long screws, 12 to 23 $\frac{1}{2}$ in. each	-.5	-.7	-.9	-.11	1,2	1,6	2/	2,6	3/3	4/-
Do., 3 to 11 $\frac{1}{2}$ in. "	-.4	-.5	-.6	-.8	-.10	1/-	1,3	2,-	2/6	3/-
Bends	-.5 $\frac{1}{2}$	-.6 $\frac{1}{2}$	-.7	-.8	-.11	1/3	1/9	2,3	3/3	4/3
Springs, various elevations each	-.4	-.5	-.6	-.7	-.9	-.11	1/4	1/8	2/6	3/3
Tees, equal or diminishing each	-.6	-.6 $\frac{1}{2}$	-.7	-.9	1/-	1/3	1/9	2,6	3/-	3/9
Square Elbows, do. "	-.6	-.6 $\frac{1}{2}$	-.7	-.8	-.10	1/2	1/9	2,3	3/-	3/6
Round do. do. "	-.7	-.7	-.8	-.9	1,-	1/4	1,11	2,6	3/4	3/10
Crosses do. "	-.10	1/-	1/-	1,5	1,9	2/3	3/-	3,6	4/6	5/3
Caps and Plugs do. "	-.2	-.3	-.3	-.4	-.5	-.6	-.8	-.10	1/-	1/3
Nipples & Back Nuts, ea.	-.1	-.2	-.2	-.3	-.3 $\frac{1}{2}$	-.4	-.6	-.8	-.10	1/-
Reducing Sockets each	—	-.3	-.4	-.5	-.6	-.7	-.9	-.11	1/1	1/3
Plain ditto "	-.1 $\frac{1}{2}$	-.1 $\frac{1}{2}$	-.2	-.3	-.3 $\frac{1}{2}$	-.4	-.6	-.7	-.9	1/-
Iron Main Cocks	2,3	2,3	2,9	3,6	4/6	6,6	8,6	11/-	14/-	18/-
Do., with brass plugs, "	—	—	4/6	5/6	7/6	10,6	15,-	19/6	25/-	32/-
Flanges	-.8	-.9	-.10	1/-	1,2	1,4	1,8	1/9	2/-	2/6

Discount for Quantity, 65 per cent.

## Staples.

	1	$1\frac{1}{2}$	2	$2\frac{1}{2}$	3	4 inch.
Wrought, round ...	2/-	2/6	3,-	3,9	4/9	8/- gross.
" square, all sizes.	-.24	-.31	-.4	-.5	-.6	-.10 doz.

Wire,  $1\frac{1}{2}$  by 12, 18/-;  $1\frac{1}{2}$  by 12, 18/- per cwt.

Box, 6in., 2/3; 7 in., 3/-; 8 in., 5/-; 10 in., 7/- per dozen.

Gas Hooks,  $\frac{1}{4}$  in., 1/7;  $\frac{3}{8}$  in., 2/-;  $\frac{1}{2}$  in., 2/4;  $\frac{3}{4}$  in., 2/9 per gross.

Wire Netting, all sizes, supplied to order.

Roofing Felt, -/4 $\frac{1}{2}$  per yard, 2 feet 8 inches wide.

Coil Chain, all sizes.

## Gas Tubing.

	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{4}$
Best White, wired inside ...	-.24	-.3	-.3 $\frac{1}{2}$	-.5
per foot.				
Garden Hose and Fittings supplied to order.				

MELHUISS'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',

## Hatfield's Patent Rollers for Sliding Doors.

Size of Bowl.	Length of Arm.	Diam. of Rail required.	Price each.
2 inch.	2 feet.	$\frac{5}{16}$	2/4
3 "	3 "	$\frac{7}{16}$	2/10
3 "	4 "	$\frac{9}{16}$	3/10
3 $\frac{1}{2}$ "	5 "	$\frac{7}{8}$	5/-



A large variety of Sconces in stock  
from 2/- per pair.

Drawings sent on application on receipt  
of two stamps.

Polished, 4/8 pair.

## String Boxes.

Japanned ...	... 1/-	-/6	1/-	-/9 each.
Round, to hold ...	$\frac{1}{2}$	$\frac{1}{2}$	1	1 $\frac{1}{2}$ lb. ball.
	1/10	2/1	2/4	3/- each.

Japanned Box Squares, 6 in. by 2 by 18 W.G., 7/- per gross.

" " 6 in. by 2 by 12 " 6/- "

Top and bottom Corners, 10/- per gross.

NOTICE.—There are many things necessarily omitted from this Catalogue. For any article that may be required we shall be pleased to quote prices, or give any information to our Customers.

## Consignments.

All Consignments are sent at the risk of the Purchaser; and if damaged, lost, or delayed in transit, Carriers must be held responsible, as Rd. M. & Sons, being Senders, have no legal claim upon them after the Goods are out of their hands.

N.B.—In comparing our Prices, please carefully note the Quality of the Goods.

1885.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.



# Patent Noiseless Screw Adjustment.

To open inwards.



A559  $\frac{1}{2}$  in. rod.

Lighter A860  $\frac{3}{8}$  in. rod.

For Casement opening outwards.

A744  $\frac{1}{2}$  in. rod.  
A861  $\frac{3}{8}$  in. rod.

For Casements.

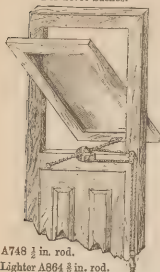


A747  $\frac{1}{2}$  in. rod.

Lighter A863  $\frac{3}{8}$  in. rod.

A746  $\frac{1}{2}$  in. rod. For Lantern Lights.  
A862  $\frac{3}{8}$  in. rod.

For Pivot Sashes.



A748  $\frac{1}{2}$  in. rod.

Lighter A864  $\frac{3}{8}$  in. rod.

## NOTICE.

This thoroughly efficient Screw Adjustment provides for opening, closing, and securely fastening Fanlights, Casements, Skylights, etc., and will, by its extreme simplicity, commend itself to Architects, Builders, etc.

An endless Cord passing over a grooved pulley and worked by hand, causes the box to travel on screw, carrying the Sash along with it to the required distance, and remaining securely locked at any angle.

The action is perfectly easy, and a child can adjust it.

MELHUISH'S, Fetter Lane, Holborn Circus, E.C.

PRIZE MEDAL for Excellence of Tools—Wood and Metal Workers',



Endless Green Cord, for  
Grooved Pulleys,  
with Connecting Links  
to Suspend.

3 ft. ...	8d. each.
4 ft. 6 in. ...	10d. "
6 ft. ...	1/- "
7 ft. 6 in. ...	1/1 "
9 ft. ...	1/2 "
10 ft. 6 in. ...	1/3 "
12 ft. ...	1/4 "
13 ft. 6 in. ...	1/5 "
15 ft. ...	1/6 "
16 ft. 6 in. ...	1/7 "
18 ft. ...	1/8 "
19 ft. 6 in. ...	1/9 "
21 ft. ...	1/10 "
22 ft. 6 in. ...	1/11 "
24 ft. ...	2/- "

For Skylights.



A745  $\frac{1}{2}$  in. rod.  
Lighter A865  
 $\frac{3}{8}$  in. rod.

LIST OF PRICES.

For ordinary Fanlights, Skylights,  
and Ventilators.

A563, A744,  
A746, A747. A748. A745.

Brass Screw and Brass Fittings	$\frac{1}{2}$ in. rod by 18 in.	10/6	11/6	18/- each.
Ditto ditto ...	$\frac{1}{2}$ in. rod by 20 in.	11/-	12/-	18/6 "
Iron Screw, Brass Wheel, and Malleable Fittings ...	$\frac{1}{2}$ in. rod by 18 in.	9 -	10/-	11/- "
Ditto ditto ...	$\frac{1}{2}$ in. rod by 20 in.	9/6	10/6	11/6 "

LIGHTER, suitable for small Fanlights  
and Casements.

A800, A861,  
A862, A863. A864. A865.

Brass Screw and Brass Fittings	$\frac{3}{8}$ in. rod by 12 in.	7/6	8/-	9/6 "
Ditto ditto ...	$\frac{3}{8}$ in. rod by 15 in.	8/-	8/6	10/- "
Iron Screw, Brass Wheel, and Malleable Fittings ...	$\frac{3}{8}$ in. rod by 12 in.	6/6	7/6	8/6 "
Ditto ditto ...	$\frac{3}{8}$ in. rod by 15 in.	7/-	8/-	9/- "

MELHUISE'S, Fetter Lane, Holborn Circus, E.C.3

## WE AGAIN REPEAT OUR METHOD OF DOING BUSINESS,

showing what our customers must do, and what we will do or cannot do, as the case may be. This we hope, will tend to facilitate matters on both sides and to prevent trouble and disappointment to purchasers on the one hand, and loss of time and unnecessary labour to ourselves on the other.

**PRICES.**—With regard to our prices, we have made still further reductions on the rates of 1884, and they are now stated at the lowest possible figure. In this respect, as well as in every other, we unhesitatingly challenge competition. It is impossible for purchasers to buy at better advantage of any one else, whoever he may be, than of us.

**ORDERS AND INQUIRIES.**—When writing, whether in giving orders for tools, etc., or making inquiries about them, append to every letter your full name and address, specifying village, etc., post town and county, clearly and plainly written. Thus the possibility of every error on the part of clerks, to whom the execution, address, and dispatch of orders are entrusted, and any miscarriage of goods in transit is reduced to a minimum.

**REFERENCES TO FORMER LETTERS.**—These should always be scrupulously avoided. We cannot refer to former letters, if asked to do so: we receive so many that compliance with requests of this kind would involve so much loss of time and trouble, that we cannot in any case entertain them. Every letter should be complete and explicit in itself, and should set forth what is wanted so clearly as to render any reference to any former letter wholly unnecessary.

**CASH WITH ORDER.**—In every case in order to save the cost and trouble of booking and collection, *cash must be sent with order* in the form of Cheque, Post Office Order or Postal Note. There will be no difficulty in arriving at the amount to be transmitted, as every article is priced in our Catalogue. Cheques, Postal Notes, Post Office Orders to be crossed "City Bank," made payable to **Rd. MELHUISH & SONS**; if any excess Cash, it will be returned with goods.

**CARRIAGE.**—In the case of Machines of any kind the Purchaser must pay carriage on delivery of the goods. For all other goods such as Tools, Cabinet Brass Foundry, Builders' Fittings, etc., **WE PAY CARRIAGE** to any part of Great Britain if the value amounts to 10s. and upwards. When the value is under 10s. sufficient must be added to cover carriage by Parcels Post which is, under 1 lb., 3d.; 1 lb. and not exceeding 3 lb., 6d.; above 3 lb. and not exceeding 5 lb., 9d.; above 5 lb. and not exceeding 7 lb., 1s. If more be sent than is necessary to cover carriage the excess will be returned in Stamps with goods.

In conclusion, we once more take the opportunity to thank our old customers for all past favours, and to assure both them and all who may be inclined to inspect our stock with the view of making purchases, or to transmit orders by post, that it will be our constant endeavour, by supplying articles of the best quality at the lowest possible prices, and by immediate attention to the dispatch of goods, to merit the confidence and good opinion of all who may entrust us with the execution of their esteemed commands.

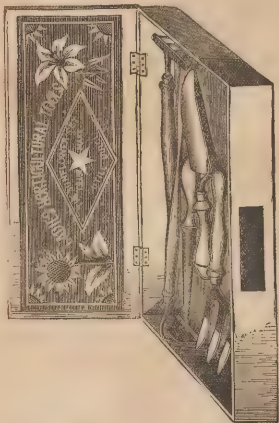
**Rd. MELHUISH & SONS.**

85 and 87, Fetter Lane, London, E.C.,  
May, 1885.

**MELHUISH'S, Fetter Lane, Holborn Circus, E.C.**

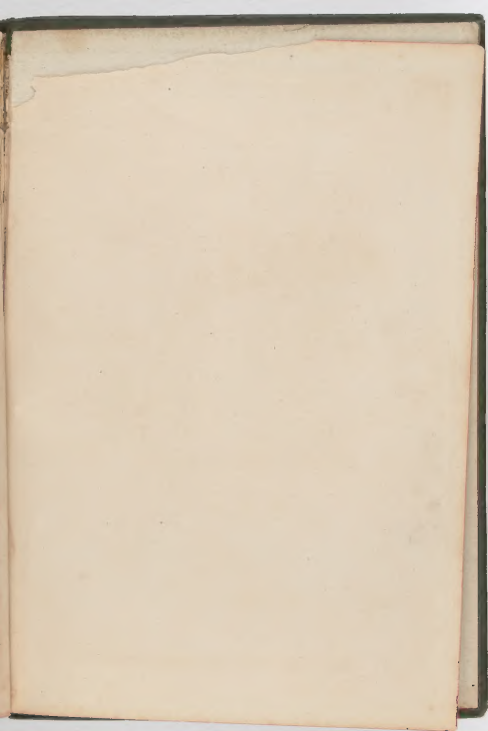
Prize Medal, Health Exhibition, 1884.

Garden Tools, &c., &c.



Lawn Mowers, Garden Furniture, &c., &c.

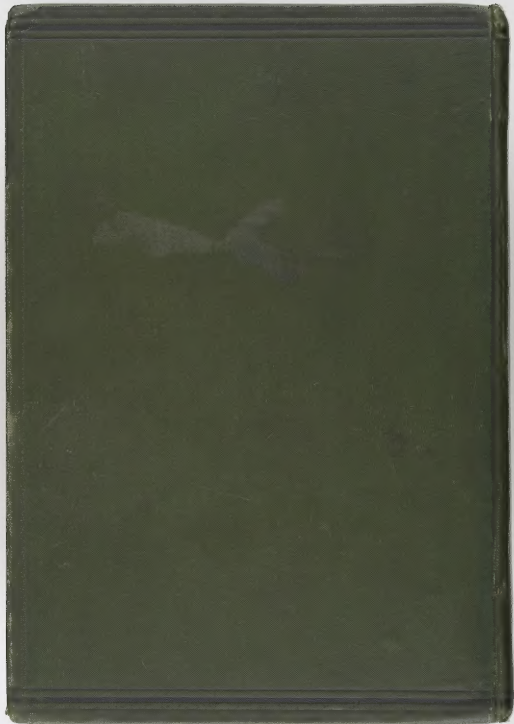
MELHUISH'S, Fetter Lane, Folsborn Circus, E.C.



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